School of Electrical and Communication

Department of Electronics and Communication Engineering

Details of Patent(s) During Assessment Period 2021-2022

S. No.	Inventor(s) Name	Title of the Patent/Product	Application Number	Approval Status	Date of Publication/ Grant
1	Dr. Bharathi C R	Automated Iris Recognition based Authentication and Gender Classification using Neural Network	202141032061 A	Published	30.07.2021
2	Dr. Shiyamala S	Peak Detection based Energy Detection of A spectrum under Rayleigh Fading Noise Environment	202141041465	Published	01.10.2021
3	Dr. Neelamegam D	Multimode Image Fusion Technique for Automated Correlation Identification in Medical Images	2021105871	Published	03.11.2021
4	Dr. Bharathi C R	Design of Defeated Ground Structured Fermi Tapered Antenna for Future Generation Communication	202141043331 A	Published	05.11.2021
5	Dr. Neelamegam D	Integrated Approach by Image Processing and Neural Network to Identify Health of the Plant	202141044820	Published	05.11.2021
6	Dr. Herald Anantha Rufus N	COVID 19 Detection using Advanced CNN	202141050728	Published	19.11.2021
7	Dr. Herald Anantha Rufus N	A Portable EV Charging Station for Car Parking Area	354197-001	Published	02.12.2021
8	Dr. Koushick Venkatesh	An IoT and Machine Learning Based Method of Communicating a Digital Message with an Information Signal	202241006301 A	Published	11.02.2022
9	Dr. Harikrishna Paik	Balance Antipodal Vivaldi Antenna for DF And ECM Systems	202141054891	Published	11.02.2022

10	Dr. Koushick Venkatesh	Method to Transfer Electronic Medical Information in Secure Cloud Environment using Blockchain	202241011957 A	Published	11.03.2022
11	Dr. Arun M R	Artificial Intelligence based Data Traffic Analysis in IoT Wireless Sensor Network Nodes	202241051223	Published	17.03.2022
12	Dr. Rahul S G	Solar Powered Vendor Cart with Mist Spraying System	360827-001	Published	17.03.2022
13	Dr. Helina Rajini Suresh	Internet of Things, Artificial Intelligent, Machine Learning based Smart Automation and Control of Smart Television using Python Language	202241021623 A	Published	22.04.2022
14	Dr. Anandan M	Mobile Streaming based Intelligent Broadcasting Promotion Digital Board for Marketing Purposes	202241023287	Published	13.05.2022
15	Dr. Sreelakshmy R	Radiation of HP Fast Rise Time Pulses by Hydrogen Spark Gap Antenna at a High Repetition Rate	202241025042	Published	13.05.2022
16	Dr. Kalpana Devi P	IoT based Automatic Waste Management and Segregation System using Embedded Systems	31006149 A	Published	01.06.2022