



School of Electrical and Communication

Department of Electronics and Communication Engineering

Details of Patent(s) During Assessment Period 2022-2023

S. No.	Inventor(s) Name	Title of the Patent/Product	Application Number	Approval Status	Date of Publication / Grant
1	Dr. Anto Bennet M	Temperature Monitoring System	362535-001	Granted	26.09.2022
2	Dr. Aloy Anuja Mary G Dr. Sathyasri B Dr. Aanandha Saravanan K Mr. Vignesh Prasanna N	IoT Printer	380068-001	Granted	24.02.2023
3	Dr. Sasikala G	Implantable CPW Fed Folded Type Antenna at MICS Band for Biomedical Applications	201641011813	Granted	12.04.2023
4	Dr. Britto Pari J	Ferrous and Nonferrous Waste Sorting Machine	6321754	Granted	11.06.2023
5	Dr. Prasanna R	Smart Bottle of Alternate Energy Source for Military Application	201641019155	Granted	28.06.2023
6	Dr. Selwin Mich Priyadharson A	A Wearable Device to Assist Blind and Visually Impaired People on Indoor and Outdoor Environments	202241042730	Published	29.07.2022
7	Dr. Dasari Naga Vinod	Cloud-Based Automated 3D- Lung Cancer Segmentation and Detection Model	202241032480	Published	17.06.2022
8	Dr. Sasikala G	The Present Discovery Relates to a Robust Dataset for RF MEMS Switch Dimensions Prediction using Feed Forward and Back	202241038476	Published	15.07.2022



		Propagation Neural Network.			
9	Dr. Sambath Kumar K Dr. Venkataramaiah B	Real Time Virtual Heart Doctor (RTVH-Doctor) System	202241052965 A	Published	23.09.2022
10	Dr. Mazher Iqbal J L	Cryptographic Secure Algorithm with User Validating Preservation Scheme in IoT Health Care	202241052638	Published	23.09.2022
11	Dr. Harikrishna Paik	Frequency Selective Surfaces Based Electromagnetic Shield for 5G and 6G Applications	202241054891	Published	23.09.2022
12	Dr. Selwin Mich Priyadharson A	Adaptive Control Cascaded with Combustion Flame Images for Optimized Combustor of a Thermal Power Plant	202241058328	Published	04.11.2022
13	Dr. Kavitha T	The Present Disclosure Relates to a Study UWB Micro Strip Fed 4 Element MIMO Antenna For 5G Applications	202241065231	Published	25.11.2022
14	Dr. Anish Pon Yamini K	System for Cyber Security based on Machine Learning	202341047294	Published	09.01.2023
15	Dr. Diana Earshia V	Analysis and Detection of Depression Severity Scores based on EEG Signal using Machine Learning Approach	202341001221	Published	13.01.2023
16	Dr. Jana S	Bed for Bedridden Patients	371136-001	Published	25.01.2023
17	Dr. Shiyamala S	Design and Performance of Charge-Plasma-Based Schottky-FET CMOS Circuit Ring Oscillator for High Density ICS	202341000087 A	Published	27.01.2023
18	Dr. Kavitha T	Artificial Intelligence Enabled Zero Gravity Massage Chair	367104-001	Published	01.02.2023
19	Dr. Dasari Naga Vinod	Deep Learning Approach for Predicting Ocean Parameters	202341004218	Published	02.03.2023



20	Dr. Diana Earshia V	Antenna Signal Monitoring Device	379415-001	Published	05.04.2023
21	Dr. David Neels Ponkumar D	Mobile Application Based Advertisement Display for Brand Development in Shopping Mall using Internet of Things	202341027053 A	Published	05.05.2023
22	Dr. David Neels Ponkumar D	AI based Network Intrusion Detection Device	381303-001	Published	18.05.2023
23	Dr. David Neels Ponkumar D	IoT based Smart Wearable Personal Health, Activity and Life Style Tracking Device	369322-001	Published	23.05.2023
24	Dr. Jency Rubia J	IoT Based Wearable Medical Monitoring System	6286943	Published	16.06.2023
25	Dr. Sheik Arafat I	An IoT Enabled Smart Farming and Alerting Device for the Farmers	202341038320	Published	30.06.2023