

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PATENT WORKS

AY 2023-24

S. No.	Inventor(S)' Name and Designation	Title	Applicant	Date Of Filing	Status
1	Mr.John De Britto.C, AP (OG)	Urban Noise Pollution Detector Using IoT	SEC	25/01/2024	Filed
2	Mr.John De Britto.C, AP (OG)	Venturi Vertical Axis Rooftop Wind Turbine	SEC	25/01/2024	Filed
3	Mr John De Britto. C, AP (OG)	Smart Energy Consumption Monitoring Device	SEC	10/01/2024	Filed
4	Mr.John De Britto.C, AP (OG)	Advanced Low-Cost Electric Vehicle Modelling System With Lithium Ion Battery	SEC	16.02.2024	Filed
5	Dr Rajalingam S, AOP	Vertical Facade Solar Panel Installation Apparatus for Highrise Structures	SEC	03/10/2023	Granted
6	Dr. J. Anishkumar, AP(SG)	An IoT Based Predictive Material Damage Prevention For Enhanced Equipment Reliability	SEC	12/09/2023	Filed
7	Dr. J. Anishkumar, AP(SG)	AI & IoI-Based Water Purification System Monitoring for Realtime Contaminant Detection	SEC	12/09/2023	Filed
8	Dr. J. Anishkumar, AP(SG)	An IoT Based Real-Time Water Quality Monitoring & Algal Bloom Prediction In Aquaculture	SEC	12/09/2023	Filed
9	Dr. J. Anishkumar, AP(SG)	AI-Driven Smart Water Purification System using Multiple Sensors for Intrusion Detection in Water	SEC	12/09/2023	Filed
10	Dr. J. Anishkumar, AP(SG)	AI and IoT Based Optimized Solar-Driven Water Purification for Tribal People	SEC	12/09/2023	Filed
11	Dr. J. Anishkumar, AP(SG)	Creating an automated pest detection and control system using machine learning and robotics	SEC	12/09/2023	Filed
12	Dr. J. Anishkumar, AP(SG)	Designing a smart livestock monitoring system using wireless sensor networks and data analytics	SEC	12/09/2023	Filed
13	Dr Rajalingam S, AOP	Intelligent Extension Board with Multiple Harvesters	SEC	21/08/2023	Published
14	Dr Rajalingam S, AOP	Hybrid Multi Energy Harvesting System	SEC	21/08/2023	Published
15	Dr Rajalingam S, AOP	Vertical Facade Solar Panel Installation Apparatus for Highrise Structures	SEC	03/10/2023	Granted

16	Dr.R.Senthil Kumar, VP & HoD Dr.K.Kanchana, AOP Dr.S.Kavitha, AP (SG) Dr.R.Hemalatha, AP(OG) Mr.C.John De Britto -AP (OG)	Portable Nano Grid Solar Power Supply System	SEC	16/07/2023	Published
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AY 2022-23

S. No.	Inventor(s)' Name and Designation	Title	Applicant	Date of Filing	Status
1	Mr.C.John De Britto, AP(OG)	A Novel Electric Vehicles Hybrid Renewable Energy Storage System	SEC	12/04/2023	Published
2	Dr Rajalingam S, AOP	System for Solar-Powered Smart Wheelchair	SEC	15/03/2023	Published
3	Dr Rajalingam S, AOP Dr Karpaga Priya R, AP(OG)	System for Smart Garbage Bin for Power Generation	SEC	10/03/2023	Published
4	Dr.R.Senthil Kumar , VP & HoD Dr.K.Kanchana, AOP Dr.S.Kavitha, AP (SG) Dr.R.Hemalatha, AP(OG) Mr.C.John De Britto -AP (OG)	A Novel IoT Based Multi Head Food Extrusion Utility System	SEC	18/02/2023	Published
5	Dr. J. Anishkumar, AP(SG)	IoT based Sailing Vessel Stem Bulb Mounted Sail Course Recorder	SEC	27/01/2023	Published
6	Dr. J. Anishkumar, AP(SG)	Sun Tracking Solar Panel	SEC	27/01/2023	Published

AY 2021-22

S. No.	Inventor(s)' Name and Designation	Title	Applicant	Date of Filing	Status
1	F. Max Savio, AP	A Self-Seated Matrix Auditorium Chair	SEC	29/11/2021	Published

AY 2020-21

S. No.	Inventor(s)' Name and Designation	Title	Applicant	Date of Filing	Status
1	Mr. J. Anishkumar, AP(SG)	Traffic Light Control System Using Solar Power	SEC	06/10/2020	Published



**SAVEETHA
ENGINEERING COLLEGE**

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