

KPR Institute of Engineering and Technology

Department of Electrical and Electronics Engineering



DETAILS OF PATENTS PUBLISHED/ GRANTED

01/07/24

ACADEMIC YEAR 2023-2024

List of Patents Granted

S. No	Title of the Patent	Faculty Name	Month & Year of Publication	Publication Number
1	Extraction of Silicon from End-Of-Life Silicon Wafer of Photovoltaic Panels	Dr.Mohanasundaram K	January 2025	559217

List of Patents Published

S. No	Title of the Patent	Faculty Name	Month & Year of Publication	Publication Number
1	A Control System Using Iot For Electric Vehicles Management	Mr.G.Saravanan	September 2023	202341059798
2	Self Energized Bicycle With Bullet Alternator And Gps Tracking System	Dr.V. Parimala	December 2023	202241065377 A
3	Photovoltaic-Powered Dc Borewell With High-Step-Up Dc-Dc Converter	Dr.V.S.Chandika	October 2023	202321054566 A
4	Servo Controller Based 4 Axis Positioning System	Dr.V.Parimala	November 2023	202341069318 A
5	Electric Vehicle Load Forecasting Based On The Deep Learning Algorithm	Dr. Alagar Karthick Dr. I Baranilingesan	January 2024	202341086011 A

6	Enhancing State-Of-Charge Prediction In Lithium-Ion Batteries For Electric Vehicles Based On Machine Learning Algorithms	Dr. Alagar Karthick Dr. I Baranilingesan	January 2024	02341086013 A
7	Optimized Mechanism For Piece Extraction For Powerloom	CJ Vignesh	January 2024	201941021907
8	Emergency Charging Service For Electric Vehicles Equipped With Deep Learning And Iot-Based Efficient Energy Recycling	Dr. D. Sathishkumar	February 2024	202441004200
9	Integrated Deep Learning For Adaptive Smart Energy Management In Urban Environments	S. Ravindran	January 2024	202441000139
10	Litz Coil Induction Motor For High Performance	Ms.B.Lalitha Mr.C.J.Vignesh Dr.S.Ravindran Dr.D.Sathishkumar Dr.P.Ravikumar	March 2024	202441008818
11	INVESTIGATIONS IN PV BASED QUASI-Z SOURCE INVERTER FED ELECTRICAL SYSTEM	Dr.K. Mohana sundaram Mr. CJ Vignesh Mr.K.Balamurugan	May 2024	202441037354
12	IMPLEMENTATION OF AN ARDUINO MULTI-NODE SOLAR -POWERED BLE SENSOR FOR MONITORING HUMIDITY AND TEMPERATURE	Mr. A.Mohamed Ibrahim	January 2024	202341088526
13	Integrated Photovoltaic System For Sustainable Energy Production And Environmental Preservation	Dr.A.Mohamed Ibrahim	May 2024	202441040835


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