



# PANIMALARENGINEERINGCOLLEGE

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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**PATENT PUBLISHED**  
**ACADEMIC YEAR 2023-24**

Sl. No.	Author's Details	Patent Title	Date of Published	Patent No.(or) Application No	Status (Registered/Granted)	LINK
1	Mr.N.Karthikeyan	Three Phase Bidirectional Meter Interconnected to a grid with Monitoring of generation of Electrical Energy from the Panel Micro inverter	02-07-2023	202341044293	Published	<a href="https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus">https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus</a>
2	Mr.N.Karthikeyan	A Novel Three Phase Multilevel Inverter Cascaded by two level and single Phase Boosted H bridge Inverters	24-07-2023	202341049606	Published	<a href="https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus">https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus</a>

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3	Dr.A.Sivakumar	Equipment For Production, Distribution Or Transformation Of Electricity (UK Design patent)	7.11.2023	6324478	Published	<a href="https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus">https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus</a>
4	Mr.M.Padmarasan	High Efficiency Power Conversion Circuit Using Gallium Nitride Transistors	30-12-2023	202341090070	Published	<a href="https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus">https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus</a>
5	Dr.D.SilasStephen	Efficient Energy Consumption Optimization System for Indian Homes using AI and IOT Integration	16/05/24	2024441038612	Published	<a href="https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus">https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus</a>
6	Dr.S.Deepa	Smart Spy Google for Collecting Images and Real Time Storing on Cloud	03/07/2023	389501-001	Published	<a href="https://iprsearch.ipindia.gov.in/PublicSearch/P">https://iprsearch.ipindia.gov.in/PublicSearch/P</a>

						<a href="#">ublicationSearch/ApplicationStatus</a>
7	Mr. K.Kirubakaran	Digital Battery Charger	12/12/2023	401975-001	Published	<a href="https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus">https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus</a>