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**DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**STAFF / FACULTY PUBLICATIONS**

**(a) Journals:****Academic year: 2021-2022**

S. No	Faculty/Staff name	Paper / Book title	Events / Journals / Publisher	Type of Journal	Publication Month	DOI/ISSN	Impact Factor
1	Ch Anil Kumar	Arduino Based Smart Meter for Distribution Line Open Fault Identification and Intimation Using GSM	Journal of Electrical and Power System Engineering	National	May-August, 2021	e-ISSN: 2582-5712 Volume-7, Issue-2	SJIF = 5.246
2	T Venkateswara Rao	Arduino Based Smart Meter for Distribution Line Open Fault Identification and Intimation Using GSM	Journal of Electrical and Power System Engineering	National	May-August, 2021	e-ISSN: 2582-5712 Volume-7, Issue-2	SJIF = 5.246
3	P T Krishna Sai	A Novel Hybrid GMPPT Scheme Based on P&O-MM with Reduced Output Power Oscillations Under PSC for PV System	Lecture Notes in Electrical Engineering, Power Electronics and High Voltage in Smart Grid	SCOPUS	January 2022	DOI:10.1007/978-981-16-7393-1_24	--

**(b) List of Conferences:**

S. No	Faculty/Staff name	Paper / Book title	Events / Journals / Publisher	Type of Conference	DOI/ISBN
1	Ch Anil Kumar	A Novel Control Strategy for Self-Charging of a Electric Vehicle During Running Mode	International Conference on Innovations in Electronics, Electrical & Communication Technologies (ICIEECT-21)	International	ISBN:978-93-5473-424-3
2	Dr. I Sai Ram	High-Step-Up DC-DC Converter using Three-Winding Transformer and Soft-Switching for use in Photovoltaic Systems	3 <sup>rd</sup> International Conference for Emerging Technology (INCET)	IEEE International	DOI: 10.1109/IN CET54531.2022.9824811
3	P T Krishna Sai	High-Step-Up DC-DC Converter using Three-Winding Transformer and Soft-Switching for use in Photovoltaic Systems	3 <sup>rd</sup> International Conference for Emerging Technology (INCET)	IEEE International	DOI: 10.1109/IN CET54531.2022.9824811

**(c) List of Patents:**

S. No	Faculty/Staff name	Paper / Book title	Events / Journals / Publisher	Application Details	Publication Date
1	Ch Anil Kumar	Intelligent Artificial Intelligence And IOT Powered Efficient Energy Monitoring Architecture For The Smart Grid System	PATENT APPLICATION PUBLICATION	Application No.202141049814	12/11/2021

Signature of R&amp;D Member

Signature of HOD