

Department of Electrical and Electronics Engineering

Academic Year 2023-24

PUBLICATIONS

Sl. No.	Name of the Faculty Author	Title of the Paper	Name of the Journal	ISBN/ISSN Number	Vol/Month	Index No UGC / Scopus	URL/DOI
1.	Dr. B.Rajani	Design of electric vehicle charging station network on urban communities utilizing RSA-HBA technique	Journal of intelligent & Fuzzy systems	1875-8967	vol. 44, no. 6, 1 st June 2023	SCI	https://doi.org/10.3233/JIFS-221820-Q2
2	Dr. B.Rajani	A Symmetric Solar Photovoltaic Inverter to Improve Power Quality Using Digital Pulsewidth Modulation Approach	Wireless Personal Communications-I.F-2.2	0929-6212	Volume 130 April 15 th 2023 Pages 2059-2097	SCI	https://doi.org/10.1007/s11277-023-10372-w
3.	Dr. K.R.K.V.Prasad	“Experimental study on self-excited induction generator for small-scale isolated rural electricity applications”	Results in Engineering	25901 230	Vol. 18 June 2023,	SCI	DOI 10.1016/j.rine.2023.101182-Q2
4.	Dr. K.R.K.V.Prasad	Design, control and performance comparison of PI and ANFIS controllers for BLDC motor driven electric vehicles”	Measurement: sensors	, 26659 174	Volume 31 February 2024	Scopus	DOI: 10.1016/j.measen.2023.101001-Q3
5.	V U P Lavanya	Enhanced Induction Motor Control Using Deep Reinforcement Learning and PWM with DTC	Electric Power Components and Systems	1532-5008	Volume 52 issue 10 November 2023	Scopus	DOI: 10.1080/15325008.2023.2274357
6.	K.Varalakshmi	Modelling and Controlling a Buck Converter Using Shunt Active Power Filter	Advances in Transdisciplinary Engineering	2352-7528	May 2023	scopus	Doi:10.3233/ATDE221231

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7	Murari Rajesh	A ScPSO based Multi-Objective Approach for Optimal Placement and Sizing of multiple DSTATCOMs in Unbalanced Distribution Network	10th IEEE International Conference on Power Systems, ICPS	ISBN NO: 979-8-3503-1873-9	December 2023	IEEE conference	DOI: 10.1109/ICPS60393.2023.10428737



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