

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)**

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S. No	Name of the authors	Title of the project	Name of the college	Event
1	V.V.K.Tulasi K.DivyaTeja K. Koushic M. Raja Nayak	implementation of quasi z-source inverter for solar power applications	Vardhaman college of Engineering, Hyderabad	National Level IEEE Project Expo-2021 on 24th July 2021

Faculty Publications

S. No	Name of the authors	Title of the paper	Name of the Journal		Indexing
1	Timmidi Nagadurga, Pasumarthi Venkata Ramana Lakshmi Narasimham , V. S. Vakula	Enhancing Global Maximum Power Point of Solar Photovoltaic Strings under Partial Shading Conditions Using Chimp Optimization Algorithm	Energies	Vol.14, No.14 Page 4086, ISSN: 1996-1073. https://doi.org/10.3390/en14144086	SCI
2	K. Harinadha Reddy	Maximizing energy tracking in photovoltaic grid-connected system through modified tunicate swarm algorithm – control on environmental effect of irradiance conditions	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	Vol. 44, Issue No. 1, Pages: 1620-1639, ISSN: 1556-7036 https://www.tandfonline.com/doi/full/10.1080/15567036.2022.2056270 .	SCI
3	Timmidi Nagadurga, Pasumarthi Venkata Ramana Lakshmi Narasimham, V. S. Vakula, Ramesh Devarapalli,	Global Maximum Power Point Tracking of Solar Photovoltaic Strings under Partial Shading Conditions Using Cat Swarm Optimization Technique	Sustainability	Vol.13, No.19 Page 11106, ISSN: 2071-1050.	SCI

Student Publications

S.No	Names of the Author and Co-Author (Bold Main Author)	Title of the Paper/Book: Published/ Presented	Name of the Journal/Conference /Events/Publisher	Vol No./Sl.No./pp. /ISSN No. /ISBN No. /DOI No	Month and Year of Publication / Presentation	Indexing
1	Vimmigari Karthik, T. Santhosh Kumar, Vendoti Suresh, B. Kavya Santhoshi, M. Raja Nayak	Performance of DFIG fed wind turbine under fault conditions	Materials Today: Proceedings- Elsevier	https://doi.org/10.1016/j.matpr.2021.06.380	July, 2021	Scopus
2	M. Jahnvi M. Siva Kumar S. Ganesh CH. Rajesh	Implementation Of Neural Network MPPT For Solar PV System	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 154-159. 2022. DOI:10.12001.DK.J2022.V22.I5.189	May-2022	Online
3	T. Kavyaa, V.Veera Swamy, G. Rambabua, T. Naga Durga	Automatic Solar Panel Cleaning System Based On Aurdino For Dust Removal	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 350-353. 2022. DOI:10.12001.DK.J2022.V22.I5.215	May-2022	Online