

Dr. VIJAYA KRISHNA BOYINA

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Biography

Dr.Vijaya Krishna boyina received his PhD from JNTU,Anantapur in 2020. He worked at Narasaraopeta Engineering College (2008-2010) before joining Bapatla Engineering College.

His research is in the broad area of power quality, multilevel inverter. His focus is on development different multilevel techniques and applied to distributed power flow controller device and also study the different power quality . He has made significant research contributions on the understanding of certain aspects power quality improvement techniques for MLI based DPFC, etc. He is engaged in industrial placement activities for leading industries and also conducting continuing education program for participants from industry and academia.

Awards &Honors

1. Received Two Times Best Faculty Award in 2012 &2020 at Bapatla engineering college.
2. Best Paper award at IEEE International Conference ICEEEOT- 2016
3. Published 2 patents from Intellectual Property of India.2020,

Selected Publications

- [1] B.Vijaya Krishna,B.Venkata Prasanth ,P.Sujatha."Design and implementation of DPFC for multi-bus Power system. International Journal of Engineering & Technology, 7 (2.8) (2018) pp.18-29 .
- [2] B.Vijaya Krishna,B.Venkata Prasanth ,P.Sujatha."MA TLAB/Simulink study of of multi-level inverter topologies using minimized quantity of switches". International Journal of Engineering & Technology, 7 (1.5) (2018) 209-216.
- [3] B.Vijaya Krishna,B.Venkata Prasanth ,P.Sujatha." Enhancement Of Power Quality In Distribution System Using Hybrid Seven Level H-Bridge Inverter Based Dpfc". Journal of Electrical Engineering, 2 , (2018) pp.61-71.
- [4] B.Vijaya Krishna,B.Venkata Prasanth ,K.S.R.Anjaneeyulu." Designing of Multilevel DPFC to Improve Power Quality". International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) - 978-1-4673-9939-5/16/\$31.00 ©2016 IEEE
- [5] Nadikota Raghu ,SainadhSingh Kshatri , Dr. Vijaya Krishna Boyina. ." Impact Of Temperature And Irradiance On Life Time Of Pv Inverters" International Journal of Research,2,(2020)pp.283-291.