



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY
Surampalem, E.G(D), Andhra Pradesh
Department of Electrical and Electronics Engineering

R & D and Consultancy Activities
Academic Year 2019-20
Research Publications (Journals)

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	K.Varalakshmi,	Digitized Synchronization of multi level STATCOM with Switch fault elimination	International Journal of Recent Technology and Engineering	2277-3878	Vol-8/Nov 2019	SCOPUS	https://www.semanticscholar.org/paper/Digitized-Synchronization-of-Multi-level-STATCOM-Varalakshmi-Narasimham/8997c058e0c8d0f1755b3a55fd612c3bbcb23d32
2	B. Rajani	PI and Fuzzy Controller Utilizing PV-HESS Based Zeta Converter for BLDC Motor Drive	International Journal of Recent Technology and Engineering (IJRTE)	2277-3878	Volume-8 Issue-5, January 2020	SCOPUS	DOI:10.35940/ijrte.E5995.018520

3	B.Rajani	Performance Analysis of Grid Synchronization Method for Three Phase Three-wire Networks under Grid fault conditions	Waffen-und Kostumkunde	0042-9945	Volume XI, Issue II, February/2020	WOS	https://www.researchgate.net/publication/347486802_Performance_Analysis_of_Grid_Synchronization_Method_for_Three-Phase_Three-Wire_Networks_under_Grid_Fault_Conditions
4.	B.Rajani	Performance Analysis of Direct-quadrature in Three Phase Induction Motor drive	Studia Rosen thaliana	1781-7838	Volume XII, Issue II, February-2020	WOS	https://www.researchgate.net/publication/347486399_Performance_analysis_of_Direct-Quadrature_in_Three_phase_Induction_Motor_drive
5.	K.R.K.V.Prasad	Optimal Capacitor Placement, AVR Placement And Conductor Selection Along With Dg Using BSA	IJAST Journal	2005-4238	Volume 29, issue 4	Scopus	
6.	K.R.K.V.Prasad	Multi-Objective Approach For Optimal Placement Of Dg And Capacitor Along With AVR In Distribution Network	JARDCS Journal		Volume 12, issue 02 Jan 2020		Doi:10.5373/JARDCS/V12I2/S20201004


Head of the Department