

# PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada & Accredited by NAAC with 'A' Grade)

(Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC Act, 1956)

1-378, ADB Road, Surampalem – 533 437, near Peddapuram, E.G.Dist., A.P.

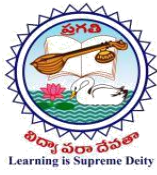
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## Department of Electrical & Electronics Engineering

### RESEARCH PAPER PUBLICATIONS ACADEMIC YEAR 2019-20

#### ACADEMIC YEAR 2019-20

S. No	Author/Co-author	Title of the Paper	Name of the Journal/Conference	Vol No. /Sl.No./ pp. / ISSN No. / ISBN No.	Month and Year of Publication /Presentation	Impact factor
1	Dr.K.Satyanarayana, Mr.S.Ashok Reddy	Performance Improvement of 3 Level DCMLI based BLDC Motor using Adaptive Neuro Fuzzy Inference System	International Journal of Research and Analytical Reviews (IJRAR)	Volume 7, Issue No.4, E-ISSN 2348-1269.	December-2020,	4.2 (UGC Approved)
2	Mrs.K.Sandhyarani, Mrs.Ch.V.V.Mangalakshmi	Control and design for FOPID Based line-side converter of the Brushless Doubly Fed Induction Generator	International Journal of Engineering and Advanced Technology (IJEAT)	Volume 10, Issue No.2, E-ISSN 2249-8958.	December-2020,	5.97 (UGC Approved)
3	Ms.S.Varalakshmi, Ms.M.Mangalakshmi	Voltage Regulation of Hydro Standalone 1-Ø Micro Grid Using Fuzzy Logic Based Adaptive Sliding Mode Control Algorithm	International Journal of Engineering and Advanced Technology (IJEAT)	Volume 10, Issue No.2, ISSN 2249-8958.	December-2020	5.97 (UGC Approved)
4	Mr.M.SatyaHarish Mr.M.V.Chandrakumar	Development of Soft-Switching PWM Full-Bridge DC-DC Converter with charging Applications	International Journal of Engineering and Advanced Technology (IJEAT)	Volume 10, Issue No.2, ISSN 2249-8958	December-2020	5.97 (UGC Approved)



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5	Mr.Ch.PavanKumar, Mr.M.Mani Shankar	Design of full bridge modular multilevel converter for low energy storage Requirements for HVDC Transmission system with Fuzzy Inference system	International Journal of Engineering and Advanced Technology (IJEAT)	Volume 10, Issue No.2, , ISSN 2249-8958	December-2020	5.97 (UGC Approved)
6	Ms.S.Sravani, Mrs.P.Vijaya Prasuna	Performance Improvement of the Grid Connected PV Inverter System With ANN Controller	International Journal of Engineering and Advanced Technology (IJEAT)	Volume 10, Issue No.2, ISSN 2249-8958.	December-2020	5.97 (UGC Approved)
7	Mr.K.Siva Sankar Mrs.V R V S Sai Valli Mr.B Rathan Kumar	A Droop Control Strategy for Minimization of Circulating Current in Low-Voltage Dc Micro grid	Pramana Research Journal	Volume 10, Issue 1, 2020 ISSN NO: 2249-2976 ppno. 145 to 153	JAN 2020	1.185 (UGC Approved )
8	Mr.M.Satya Harish Ms.S.Sravani Mrs.Ch V V Manga Lakshmi	Optimization model of Renewable source water pump using Fuzzy logic Controller	Pramana Research Journal	Volume 10, Issue 1, 2020 ISSN NO: 2249-2976 ppno. 145 to 153	JAN 2020	1.185 (UGC Approved )
9	Mr.Ch.Pavan Kumar Mrs.M.Manga Lakshmi	An Optimization Technique For Fault Detection On Transmission Line Using Transient Monitor Index	Pramana Research Journal	Volume 10, Issue 1, 2020 ISSN NO: 2249-2976 ppno. 145 to	JAN 2020	1.185 (UGC Approved )



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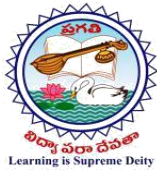
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	Mrs. G.Durga Devi B.Rajesh	Parameters		153		
10	Dr.R.SathishKumar	A New Design Hybrid Cascaded Multilevel Inverter for AC-DC-AC Conversion	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume-9 Issue-4,pp-1191-1199, ISSN: 2278-3075	February.2020	5.54 (Scopus Indexed)
11	Dr.R.SathishKumar	Quasi Z-Source Inverter for PV Power Generation Systems	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume-9 Issue-2,pp-1191-1199, ISSN: 2278-3075	December 2019	5.54 (Scopus Indexed)
12	Dr.K.Satyanarayana G.Bhavanarayana	Performance improvement of Sensorless Vector controlled induction motor drive for Medium power Applications	International Journal of Engineering and Advanced Technology (IJEAT)	Volume-9 Issue-2,pp-2061-2068,ISSN: 2249 – 8958,	December 2019	5.97 (Scopus Indexed)
13	Dr.G.Naresh M V Chandra Kumar	A Novel Seamless Reconnection and Islanding Technique for UPQC Connected Micro-Grid using Proportional Resonant Controller	Pramana Research Journal	Volume 9, Issue 12, 2019ppno.179 to 192, ISSN NO: 2249-2976	December 2019	1.185 (UGC Approved )



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14	S. M. Shariff M N V V Brahmam	Pv-Hess Based Zeta Converter For Bldc Motor Drive Using Fuzzy Logic Controller	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume-9 Issue-3ISSN: 2278-3075	Jan 2020	5.54 (Scopus Indexed)
15	P.Krishna Chaitanya B.Rajesh	Power Quality Improvement Using Modified Cuk- Converter With Artificial Neural Network Controller Fed BLDC Motor Drive	International Journal of Engineering and Advanced Technology (JEAT)	Volume-9 Issue-2,pp- 3871-3877 ISSN: 2249 – 8958,	December, 2019	5.97 (Scopus Indexed)