



**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE**  
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Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi Post Box No: 14, Kadiri Road Angallu (Village), Madanapalle-517325

Department of Electrical and Electronics Engineering

**Faculty Conference Publications 2019-2020**

S.No	Faculty Name	Co-Author	Paper title	Conference Name	Impact Factor	DOI	Citations
1.	Dr. Chakkarapani M	M. A. Asha Rani, Swapna M. and Sreejith	Maximum Power Extraction from a Wind Driven DFIG under Unbalanced Grid Voltage	2nd International Conference on Power Engineering Computing and Control, PECCON 2019, 12th -14th December 2019	-	-	-
2.	Dr. A V Pavan Kumar	Akkenaguntla Karthik, Anumula Amarnath, Manohar Reddy T M and Veldhanda Tulasi Krishna	IoT Based Automatic Irrigation Control	1 <sup>st</sup> International Conference On Advances in Electrical Control & Signal Systems (Aecss-2019) 8th-9th November. (Presented Paper)	-	-	-
3.	Dr. A V Pavan Kumar	Sai Varun Y	MPPT Based Inverter Control of Grid-Connected PV-Wind Hybrid Power System	1 <sup>st</sup> International Conference On Advances in Electrical Control & Signal Systems (Aecss-2019) 8th-9th November. (Presented Paper)	-	-	-
4.	Dr M Vijay	Sree Hari G	Wearable Exoskeleton Assisted Rehabilitation in Multiple Sclerosis by Using an Artificial Intelligent Control Method	Intelligent Computing Instrumentation and control Technologies(ICICT-2019) Vimal Jyothi Engineering College Kannur, Kerala, India-670632, July 5 <sup>th</sup> -6 <sup>th</sup> , 2019.	-	<a href="https://doi.org/10.1109/ICICT46008.2019.8993355">https://doi.org/10.1109/ICICT46008.2019.8993355</a>	-
5.	Dr M Vijay	Sree Hari G	Wearable Exoskeleton Assisted Rehabilitation in Multiple Sclerosis by control of Sliding mode technique	Intelligent Computing Instrumentation and control Technologies(ICICT-2019) Vimal Jyothi Engineering College Kannur, Kerala, India-670632, July 5 <sup>th</sup> -6 <sup>th</sup> , 2019	-	<a href="https://doi.org/10.1109/ICICT46008.2019.8993349">https://doi.org/10.1109/ICICT46008.2019.8993349</a>	-



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6.	Dr. Pratap Ranjan Mohanty		Complex Network Theory for The Analysis of Power Grid Vulnerability	4th International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (13-14 December 2019)	-	10.1109/ICEECCOT46775.2019.9114777	-
7.	Dr. Narendrababu A	N. Yalla and P. Agarwal	Hybrid 2/3L Inverter with Unequal PV Array Voltages	IEEE Applied Power Electronics Conference & Exposition, New Orleans, Louisiana from March 15-19, 2020. (To be presented)	-	-	-
8.	Dr. Narendrababu A	N. Yalla and P. Agarwal	A New MPC-5LRSS High Power Factor Converter	IEEE Applied Power Electronics Conference & Exposition, New Orleans Louisiana from March 15-19, 2020.(To be presented)	-	-	-
9.	P. Balamurali Krishna	Shyama Sundar Padhi	A Low Voltage Ride Enhancement Technique for Wind Energy System	9th National Power Electronics Conference (NPEC-2019) (13-15 December 2019)	-	-	-
10.	Dr. Pratap Ranjan Mohanty	Harshavardhan Reddy C.V.	Design and Analysis of PV-Based DSTATCOM with LCL Filter for Localized Distribution System	Innovations in Electrical and Electronics Engineering. Lecture Notes in Electrical Engineering, vol 626. Springer, Singapore	-	<a href="https://doi.org/10.1007/978-981-15-2256-7_35">https://doi.org/10.1007/978-981-15-2256-7_35</a>	-
11.	Dr. Hira Singh Sachdev	Manoj Kumar	Modeling and Analysis of SHPP	ESN International Conference on Multidisciplinary Research (ESN-ICMR)-2020.	-	-	-