

Madanapalle Institute of Technology & Science, Madanapalle -517 325
Department of Electrical and Electronics Engineering
PUBLICATIONS: 2018-19

S.No	Faculty Name	Co-Author	Paper/Book title	Publisher	Impact Factor	DOI	Citations
1.	Dr. P. Chandra Babu Naidu	Dr. M. Sreedevi	An Innovative Graded Snip Discovery protocol for Secure Data Transmission in multi hop path Networks	International Journal of Pure and Applied Mathematics, Vol. 118, Issue 17, pp. 935-948, February 2018	-	https://acadpubl.eu/jsi/2018-118-16-17/articles/17/72.pdf	-
2.	Dr. K. Arulkumar	D. Vijayakumar and K. Palanisamy	Design of Optimal LLCL Filter with an Improved Control Strategy for Single Phase Grid Connected PV Inverter	International Journal of Power Electronics and Drives, Vol. 9, Issue 1, pp. 114-125, March 2018	-	http://doi.org/10.11591/ijpeds.v9.i1.pp114-125	-
3.	Dr. A.V.Pavan Kumar	Alivelu M Parimi and K Umar Rao	Tie-Line Frequency Bias Control Of Pv-Wind Hybrid Power System For Micro Grid Application	University Politehnica Of Bucharest Scientific Bulletin Series C-Electrical Engineering And Computer Science, Vol. 80, Issue 1, pp. 217-230, January 2018	-	https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full803_115539.pdf	-
4.	Dr. M A Asha Rani	S Priyavarthini, C Nagamani and GS Ilango	An improved control for simultaneous sag/swell mitigation and reactive power support in a grid-connected wind farm with DVR	International Journal of Electrical Power & Energy Systems 101, 38-49, October 2018	3.610	10.1016/j.ijepes.2018.03.016	-
5.	Mr. Garimella Raghu Chandra	Vedala Rama Sastry	An approach to tap electrical energy from ground vibrations	International Conference on Renewable Energy Research & Education - (RE) 2 - 2018, American Institute of Physics	-	https://doi.org/10.1063/1.5047956	-
6.	Mr. Garimella Raghu Chandra	M. Muralidhar Singh and K.V. Nagesha	Simulation Studies on Multilayer Coatings for Solar Absorptance	International Conference on Renewable Energy Research & Education - (RE) 2 -2018, American Institute of Physics	-	https://doi.org/10.1063/1.5047979	-
7.	Mr. Garimella Raghu Chandra	K.V. Nagesha, and M. Muralidhar Singh	Development of Empirical Model to Predict Particulate Matter	International Conference on Renewable Energy Research & Education - (RE) 2 -2018, American Institute of Physics	-	https://doi.org/10.1063/1.5047978	-
8.	Dr.N. Prabaharan	V. Arun, T. Chinnadurai, K. Arulkumar, A. Rini Ann Jerin and K. Palanisamy	Analysis of Symmetric Multilevel Inverter using Unipolar Pulse Width Modulation for Photovoltaic Application	Comptes rendus de l'Académie bulgare des Sciences. Vol.71, No.2, pp.252-260, 2018	0.233	-	3

9.	Dr.N. Prabakaran	Chinnadurai T, N. Mohan Raj and M. Karthigai Pandian	Ultrasonically Welded and Non-Welded Polypropylene and PC/ABS Blend Thermal Analysis Journal of Thermal Analysis and Calorimetry	Journal of Thermal Analysis and Calorimetry. Vol. 132, No. 3, pp. 1813-1824, 2018	1.953	10.1007/s10973-018-7052-y	-
10.	S. Mohan Krishna	J. L. Febin Daya and C Kamal Basha	Real-Time Analysis of a Nonlinear State Observer with Improved Disturbance Compensation for Sensorless Induction Motor	International Journal of Intelligent Engineering Informatics, pp 657-668, 11 April 2018	-	https://doi.org/10.1007/978-981-10-7566-7_66	-
11.	Mr. Garimella Raghu Chandra	K.V. Nagesha and 3Vedala Rama Sastry	Image Processing based Assessment of Blast Performance in Opencast Mines – Case Studies	Image Processing, Pages 21-28, Publisher McGraw-Hill Education	-	-	-
12.	Dr.N. Prabakaran	A. Hina Fathima, K. Palanisamy, Saad Mekhilef, Akthar Kalam, Jackson Justo	Hybrid-Renewable Energy Systems in Microgrids	Woodhead Publishing Series in Energy, Elsevier Publications, June 2018, ISBN: 978-0-08-102493-5	-	https://doi.org/10.1016/C20170-01772-X	1
13.	Dr.N. Prabakaran	E. Najif	Multilevel inverters for photovoltaic energy systems in hybrid renewable energy systems	Hybrid-Renewable Energy Systems in Microgrids, Woodhead Publishing Series in Energy: Elsevier Publications, Ch. No.: 5, pp. 81-96, June 2018, ISBN: 978-0-08-102493-5	-	https://doi.org/10.1016/B978-0-08-102493-5.00005-4	-
14.	Dr.N. Prabakaran	A. Rini Ann Jerin, E. Najifi, K. Palanisamy	An overview of control techniques and technical challenges for inverters in micro grid	Hybrid-Renewable Energy Systems in Microgrids, Woodhead Publishing Series in Energy: Elsevier Publications, Ch. No.: 6, pp. 97-107, June 2018, ISBN: 978-0-08-102493-5	-	https://doi.org/10.1016/B978-0-08-102493-5.00006-6	-
15.	Dr.N. Prabakaran	A. Rini Ann Jerin, Nallapaneni Manoj Kumar, K.Palanisamy, S.Umashankar, Pierluigi Siano	Smart Grid and Power Quality Issues	Hybrid-Renewable Energy Systems in Microgrids, Woodhead Publishing Series in Energy: Elsevier Publications. Ch. No.: 10, pp. 195-202, June 2018, ISBN: 978-0-08-102493-5	-	https://doi.org/10.1016/B978-0-08-102493-5.00010-8	1
16.	Dr.N. Prabakaran	S. Saravanan and N.Ramesh Babu	DC-DC converters for Renewable Energy Applications in Recent developments in modeling and control of smart grid systems	Smart Grid Systems Modeling and Control, Apple Academic Press, Ch.No.:5, June 2018, ISBN 9781771886253	-	-	-

17.	Dr. P. Chandra Babu Naidu	Subhransu Sekhar Dash, , Ramazan Bayindir, Swagatam Das	Artificial Intelligence and Evolutionary Computations in Engineering Systems	Elsevier Publications, Vol. 688,pp. 1-830, March 2018	-	-	-
18.	Dr. Ilampoornan.M.K.		Frequency domain benchmark for CIGRE moisture circuit model of transformer	IEEE conference, ICNTET2018 on 08 th September 2018	-	-	-
19.	Dr. Lakshmanan S A		Islanding Detection for Grid Connected Solar PV system	8th IEEE India International Conference on Power Electronics at NIT Jaipur, 13-15 December 2018	-	-	-
20.	Dr M. Vijay		An comparison of optimal control of AGC for Hydrothermal System using Local Optimization	2nd International conference on paradigms in Engineering & Technology at Methodist College of Engineering and Technology from 28th-29th December 2018	-	-	-
21.	Dr. Mohan Krishna S.	Krishnamurthy. N	Progress in the Technology of Coal Fired Power Plants for Sustainable Development	National Conference on Waste to Energy, Carbon Capture and Storage, NIT Rourkela, Odisha, August 3-5, 2017	-	-	-
22.	Dr. Kamal Basha C	Dr. Mohan Krishna S	An Effective Technique for Controlling the Speed of Sensorless Induction Motor Through Modified EKF	Proceedings of the Second International Conference on SCI 2018, Volume 2	-	10.1007/978- 981-13-1927- 3_64	-
23.	Dr.P.Chandra babu	M.subba rao Ch.Saibabu and S.Satyanarayana	Digital Fuzzy Current Mode Controlled Integrated PFC Converter with External Ramp Compensation	Journal of Circuits, Systems and Computers, Vol. 27, No. 09, 1850147 (2018)	0.595	https://doi.org/ 10.1142/S0218 126618501475	-
24.	Dr.D.Dhanalakshmi	kannanS and Gnanadas R	Generator reactive power pricing for practical utility system using power flow tracking method	International Journal of Engineering & Technology, Vol. 7, No.1.8 (2018) pp. 20-25	-	www.sciencepu dco.com/index. php/ijet/issue/v iew/290	-