

**A.Y 2019-20**

**Faculty Publications**

S.No	Name of the authors	Title of the paper	Name of the Journal	Indexing
1	<b>R.Padma,</b> <b>P.Sobha Rani</b> R.Sarveswara Prasad	Power Quality Enhancement in Grid PV system using Fuzzy Controller	International Journal of Advanced Science and Technology Vol. 29, No. 4, (2020), pp. 994-1002, Jan 2020, ISSN: 2005-4238	Scopus Indexed
2	<b>M.S.Giridhar,</b> R.Sarveswara Prasad, <b>P.Sobha Rani</b>	Simulation and Modelling Of Wind Energy Generator for Smart Grid	Test Engineering and Management, January - February 2020 ISSN: 0193 - 4120 , Volume 82, Page No. 11578 - 11582	Scopus Indexed
3	<b>T. Nagadurgaa,</b> P. V. R. L. Narasimham and V. S. Vakula	Global maximum power point tracking of solar PV strings using the teaching learning based optimisation technique	International Journal of Ambient Energy, pages 1-12, Feb 2020, ISSN: 0143-0750 (Print) 2162-8246 (Online)	SCI Indexed
4	<b>K. Harinadha Reddy</b>	Performance Analysis of Solar Energy System with Bidirectional Converters and Using Fuzzy Inference Based Modified Inertia PSO Technique	International Journal on Electrical Engineering and Informatics - Volume 12, Number 1, March 2020,ISSN 2085-6830	Scopus Indexed

**STUDENT PUBLICATIONS**

S. No	Name of the authors	Title of the paper	Name of the Journal	Indexing
1	Kotcherla jaya lakshmi likhitha Lakanavarapu Rajesh Bezawada Ravindra <b>G.Tabita</b>	Wind energy conversion system using induction generator	Compliance Engineering Journal ISSN NO: 0898-3577, Volume 11, Issue 5, 2020	Scopus Indexed
2	B. Deepthi V. Pradeep Saradhi P. Raja Yogendra <b>R. Padma</b>	Portable solar panels using origami techniques	Compliance Engineering Journal ISSN NO: 0898-3577, Volume 11, Issue 5, 2020	Scopus Indexed
3	G Bhargavi N bashi N K Chaithanya <b>Dr. J Sivavara Prasad</b>	Portable solar power generation using photovoltaic blanket	Compliance Engineering Journal ISSN NO: 0898-3577, Volume 11, Issue 5, 2020	Scopus Indexed
4	Suneetha Kuna K Nandini	Simulation and Analysis of Fault Characteristics of	International Journal of Innovative Technology and	Scopus Indexed

	N V Narendra Reddy <b>Dr.K. Harinadha Reddy</b>	Distributed Solar Generation	Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-8, June 2020	
5	B.Yaswanth Kumar A.Sai Swaroop K.Sai Charan <b>G.Tabitha</b>	Smart Wind Generation System	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-8, June 2020	Scopus Indexed
6	Allamsetti Bhavana Talluri Kalyani Namburi Ramya <b>Dr.K. Ramalingeswara Prasad</b>	Modelling and Simulation Analysis of Two-Diode PV module using MATLAB	Compliance Engineering Journal ISSN NO: 0898-3577, Volume 11, Issue 5, 2020	Scopus Indexed
7	A.Sravani S.Daniel Prashanth P. Naveen <b>Dr.G .Nageswara Rao</b>	Economic And Technical Evaluation Of Solar Assisted Water Pumping System Using MPPT Technique	Compliance Engineering Journal ISSN NO: 0898-3577, Volume 11, Issue 6, 2020	Scopus Indexed
8	R. Venkata Venu J. Pallavi S. Umesh <b>Mr.B. Pangedaiah</b>	Design of Single Conversion Stage with MPPT for Grid Connected Hybrid Wind-Driven PMSG-PV using MATLAB	Compliance Engineering Journal ISSN NO: 0898-3577, Volume 11, Issue 6, 2020	Scopus Indexed
9	A.Sravani, S.Daniel, Prashanth, P. Naveen, <b>G.Nageswara Rao</b>	Economic And Technical Evaluation Of Solar Assisted Water Pumping System Using MPPT Technique	Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 11, Issue 6, 2020, June, 2020, Pages 265-272	Scopus Indexed
10	Nutakki Vijay Kumar, Mandapati Praveen Kumar, Sk.Umar Farooq, <b>M.S.Giridhar</b>	Power Extension Of Solar Inverter Using Battery Energy Storage System	Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 11, Issue 5, 2020, May, 2020, Pages 290-294	Scopus Indexed
11	Banavath Priyanka Babybail, Sarnala Rajesh Babu, Gudise Anusha, <b>CH.Rajesh</b>	Implementation of MPPT technique of Solar PV panel using Artificial Neural Networks	Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 11, Issue 6, 2020, June, 2020, Pages 211-215	Scopus Indexed
12	K.Keerthi, L.Durga, K.Dilip, <b>CH.Rajesh</b>	Implementation of Autonomous Wind-Solar with FIG Feeding 3-Phase 4-Wire Loads	Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 11, Issue 6, 2020, June, 2020, Pages 97-102	Scopus Indexed
13	B. Deepthi, V. Pradeep Saradhi, P. Raja Yogendra, <b>R. Padma</b>	Portable Solar Panels Using Origami Techniques	Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 11, Issue 4, 2020, April, 2020, Pages 92-96	Scopus Indexed
14	Gunapati Rahul, Vangaveeti Prathyusha, Ganji Lokesh, Injamala Ashajyothi, <b>MB Chakkravaarthy</b>	Integration of Renewable Energy Sources to Grid With Optimal Power Flows	Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 11, Issue 5, 2020, May, 2020, Pages 125-132	Scopus Indexed