



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

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RESEARCH PUBLICATIONS

A.Y 2022-23

SCI/SCIE PUBLICATIONS

S.No	Names of the Author and Co Authors	Title of the Paper	Name of the Journal	ISSN No	Month and Year	Indexing
1	K. Harinadha Reddy	Assessment of integrated renewable energy system state through VFMMF—A novel approach	Electric Power Systems Research	0378-7796	Mar-23	SCIE
2	Godina Venkata Lakshmi & K. Harinadha Reddy	Improved tunicate swarm search-based MPPT for photovoltaic on a “grid-connected” inverter system	Environmental Science and Pollution Research	0944-1344	November 2022	SCIE
3	K. Harinadha Reddy	Machine Learning k-Means Cluster Support S-FSCV Algorithm to Estimate Integrated Network Operating State”	Arabian Journal for Science and Engineering.,	1319-8025	October 2022	SCIE
4	Ch.Rami Reddy, K.Harinadha Reddy	A deep CNN approach for islanding detection of integrated DG with time series data and scalogram	Soft Computing	14327643	April 2023	SCIE
5	B.Pangedaiiah, Y.P. Obulesu, Venkata Reddy. K, P.L. Santosh Kumar Reddy, Mamdouh L. Alghaythi	A robust passive islanding detection techniques with zero-non-detection zone for inverter-interfaced distributed generation	IEEE ACCESS	2169-3536	08 September 2022	SCIE

6	P.V.V.Satyanarayan a,A. Radhika,Ch.Rami Reddy, B.Pangedaiah h, L.Martirano	Combined DC-Link Fed Parallel-VSI- Based DSTATCOM for Power Quality Improvement of a Solar DG Integrated System	Electronics(M PDI)	2079-9292	Jan-23	SCI
7	M.Alqahtani, P.Mari, V.Moorthy, B.Pangedaiah ,ch.ra mi reddy,m.kran kumar, m.khalid.	Investigation and Minimization of Power Loss in radial distribution network using gray wolf optimization	Energies	1996-1073	Jun-23	SCI
8	Divyendu KumarMishraa , AbyThomasb , JinsaKuruwillab , P.Kalyanasundaram c , K. Ramalingeswara Prasad , AnandakumarHaldo raie	Design of mobile robot navigation controller using neuro-fuzzy	Computer Vision and Electrical System Technologies,	457906	July 2022	SCIE
9	G. Radhika,M. Raja Nayak,M. Saritha, R. Padma ,T. Nagaraju,T. Santhosh Kumar	Maximum Power Point Tracking Algorithm Based on Particle Swarm Optimization to Capture Maximum Power from PV Strings	Sustainable Energy Technologies and Assessments	2213-1388	October 2022.	SCIE
10	Chintalapudi V Suresh, M.S.Giridhar ,Ch.N agaSaiKalyan,K. PrudhviRaju	Optimal Renewable Resource for Enhanced Performance of Unbalanced Radial Distribution Systems	Microsystem Technologies	09467076. 23	Jan 2023	SCIE
11	Siva KumarVenu, Jayasri Kotti, A.Pankajam, Dharmesh.D, Dr.G.Nageswara Rao , Rohit.B, Ankur Gupta, F.Sammy	Secure Big Data Processing in Multihoming Networks with AI- Enabled IoT	Wireless Communicatio n and Mobile Computing	1530-8669	August 2022	SCIE

12	Varaprasad Janamala, K. Radha Rani, P. Sobha Rani ,A. N. Venkateswarlu, Sai Ram Inkollu	Optimal Switching Operations of Soft Open Points in Active	PROCESS INTEGRATION AND OPTIMIZATION FOR SUSTAINABILITY	25094246	December 2022	SCIE
13	P.Sobha Rani, K.Radha Rani	Is it feasible to reduce academic stress in net zero energy buildings? Reaction from chat GPT	Annals of bio medical engineering Springer Nature	1878-3619	September 2022	SCIE
14	Balasubramanian, Kishorea Prabu, A.V.b Shaik, Mahammad Firosec Naik, R. Anjaneyulud Suguna, S. Kanimozhie	A hybrid deep learning for patient activity recognition (PAR): Real time body wearable sensor network from healthcare monitoring system (HMS)	Journal of Intelligent & Fuzzy Systems	1875-8967	2022 SEPTEMBER	SCIE

SCOPUS PUBLICATIONS

S.No	Names of the Author and Co Authors	Title of the Paper	Name of the Journal	ISSN No	Month and Year	Indexing
1	Dr.J.Siva Vara Prasad , Dr.K.R.L.Prasad	Analysis of current mode control of generator side converter for wind energy systems	GIS Science Journal	1869-9391	2022 AUGUST	SCOPUS
2	Dr.J.Siva Vara Prasad , Mr.J.V.Pavan Chand	Modeling of Three phase diode bridge rectifier and boost converter for wind energy systems	GIS Science Journal	1869-9391	2022 AUGUST	SCOPUS
3	G.Tabita., R.Gopi., M.Mani Pradeep., D.Ramanjaneyulu	Design and Implementation of a Hybrid System with Enhanced Power Smoothing Functionality using NN Controller	European Chemical Bulletin	20635346	May 2023	SCOPUS

4	Mr. Ch. Naga Sai Kalyan Mr. P. Srihari Mr. K. Nagalinga Chary Mr. A.V.Ravi Kumar Mr. Imran Abdul	Path Finder Optimization Algorithm Tuned 3DOFPID Controller for Frequency Stabilization in Wind Integrated Realistic	International Journal of Renewable Energy Research	1309-0127	Jun 2023	SCOPUS
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SCOPUS CONFERENCE PUBLICATIONS

S.No	Names of the Author and Co Authors	Title of the Paper	Name of the Journal	ISSN No	Month and Year	Indexing
1	Vivek.v, Narendra babu.R, Dr.G.Nageswara Rao , S.Ahamad, Ankur Gupta, C.S.Suri	Securing Online Web Application for IoT Management	IEEE Xplore	1499-1508	July 2022	SCOPUS
2	Dr.MYuvaraju, Sumitakumar,Dr.Ka mlesh Singh, Dr.G.Nageswara Rao , B. Jagadish Kumar, K. Vigneshwarani	Transformer Monitoring and Security System using IoT	IEEE Xplore	1499-1508	October 2022	SCOPUS
3	P. venkata mani sudha , Dr.J.Siva Vara Prasad , Mr.J.V.Pavan Chand	Flywheel Energy Based Energy Power Generator Grid-Connected VSC HVDC Performance Under Faults	Proceedings of the International Conference on Artificial Intelligence Techniques for Electrical Engineering Systems (AITEES 2022)	978-94-6239-266-3_21	2022 OCTOBER	SCOPUS
4	DIVYA SATYA SREE,P.Sobha Rani,T.Nagadurga	Maximum Power Point Tracking Algorithm Based on Particle Swarm Optimization to Capture Maximum	Proceedings of the International Conference on Artificial Intelligence Techniques for	978-94-6239-266-3_21	2022 OCTOBER	SCOPUS

		Power from PV Strings	Electrical Engineering Systems (AITEES 2022)			
5	Varaprasad Janamala, K. Radha Rani, P. Sobha Rani ,A. N. Venkateswarlu, Sai Ram Inkollu	Optimal Renewable Resource for Enhanced Performance of Unbalanced Radial Distribution Systems	Proceedings of the International Conference on Advances in Communications		March 2022	SCOPUS
6	Antosheeba.J Sangari.A Sivamani D Jayashree.K A.V.G.A. Marthanda R.Ramkumar	Healthcare Monitoring System of Patients using IoT	IEEE Xplore	1499-1508	October 2022	SCOPUS
7	M. Raja Nayak, T.Nagaraju,S.Uma Maheswara Reddy,A.Srinivasarao,M.Saritha, P.Deepak Reddy	Alternative Design Modifications for Enhancement of PV Panel Efficiency	IEEE Xplore	1499-1508	August 2022	SCOPUS
8	Pankaj Ramtekkar Dr Aruna M Dr. Pankaj Varshney Dr. V. Bhoopathy T. Naga Durga Mohd Asif Shah	Dynamic Reconfiguration Method for Improving PV Water Pumping System Efficiency in Partially Shaded Environments	IEEE Xplore	1499-1508	April 2023	SCOPUS
9	S.Talam, A. Begum, M.B.Chakravarthi , T.Mukherjee, B.Poornaiah, B.Rambabu	Impact of stress concentrated region on MEMS based piezoelectric energy harvester	Springer Conference		March 2023	SCOPUS