



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B. Reddy Nagar , Mylavaram-521 230. Andhra Pradesh, INDIA

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi

New Delhi & Certified by ISO 9001:2015, <http://www.lbrce.ac.in>

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Phone: 08659-222933/Extn: 203

hoieee@lbrce.ac.in, eee.lbrce@gmail.com

Department of Electrical & Electronics Engineering

List Publications

A.Y 2021-22

SCI Publication:

S.No	Names of the Author and Co-Authors (Bold Main Author)	Title of the Paper/Book: Published/ Presented	Name of the Journal/Conference /Events/Publisher	Vol No./Sl.No./ pp. /ISSN No. /ISBN No. /DOI No	Month and Year of Publication / Presentation	Indexing
1	K. Harinadha Reddy	Modified SRFPLL harmonic support island detection in integrated electric grid	Electrical Engineering (Springer)	Vol.104, PP:1305-1315 ISSN: 0948-7921 https://doi.org/10.1007/s00202-021-01384-5 .	June 2022	SCIE
2	K. Harinadha Reddy	Variable converter Pulse Island test in integrated distributed generation of electrical energy system	International Transactions on Electrical Energy Systems	Vol.31, No.7, ISSN: 2050-7038 https://doi.org/10.1002/2050-7038.12920	July, 2021	SCIE
3	K. Harinadha Reddy	Machine learning soft computingfuzzy set to identify ubiquitous integrated network state at different AM operations	International Journal of Ad Hoc and ubiquitous Computing	Vol.38, No.4 Page 219-230, ISSN: 1743-8233 https://doi.org/10.1002/2050-7038.12920	Dec,21	SCIE
4	K. Harinadha Reddy	Hybrid ROCOF Relay for Islanding Detection	Journal of Electrical Engineering & Technology	Vol.17, No.0 Page 51-60, ISSN: 1975-0102 https://link.springer.com/article/10.1007/s42835-021-00856-9	Jan-22	SCIE
5.	K. Harinadha Reddy	Maximizing energy tracking in photovoltaic grid-connected system through modified tunicate swarm algorithm – control on environmental effect of irradiance conditions	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	Vol. 44, Issue No. 1, Pages: 1620-1639, ISSN: 1556-7036 https://www.tandfonline.com/doi/full/10.1080/15567036.2022.2056270 .	March-2022	SCIE

6.	K. Harinadha Reddy	Soft computing fuzzy set through knn – ML to identify islanding state of integrated electrical grid at different operational events	International Journal of Electrical Power and Energy Systems	ISSN: 0142-0615 Volume 136, Issue: March 2022, 107615 https://doi.org/10.1016/j.ijepes.2021.107615	March-2022	SCIE
7.	Timmidi Nagadurga, Pasumarthi Venkata Ramana Lakshmi Narasimham , V. S. Vakula	Enhancing Global Maximum Power Point of Solar Photovoltaic Strings under Partial Shading Conditions Using Chimp Optimization Algorithm	Energies	Vol.14, No.14 Page 4086, ISSN: 1996-1073. https://doi.org/10.3390/en14144086	July, 2021	SCIE
8	M. Raja Nayak, G. Radhika, B. Devulal, P. Deepak Reddy, G. Suresh	Optimization of high voltage electrodes for 765 kv bus post insulators	Sustainable Energy Technologies and Assessments- ELSEVIER	Vol.47, No.October Page 101529 ISSN: 2213-1388 https://doi.org/10.1016/j.seta.2021.101529	August, 2021	SCIE
9	Timmidi Nagadurga, Pasumarthi Venkata Ramana Lakshmi Narasimham, V. S. Vakula, Ramesh Devarapalli, Fausto Pedro García Márquez	Global Maximum Power Point Tracking of Solar Photovoltaic Strings under Partial Shading Conditions Using Cat Swarm Optimization Technique	Sustainability	Vol.13, No.19 Page 11106, ISSN: 2071-1050.	Oct-21	SCIE
10	T.Nagadurga, P.V.R.L Narasimham, V.S. Vakula, Ramesh Devarapalli	Gray wolf optimization-based optimal grid connected solar photovoltaic system with enhanced power quality features	Concurrency and Computation: Practice and Experience (WILEY)	Available Online ISSN NO: 1532-0626	Nov-21	SCIE
11	N.Sreekanth, J.Rama Devi, Amog Shukla, D.K.Mohanty, A.Srinivas, G.Nageswara Rao, Afaque Alam, Ankur Guptha	Evolution of Estimation in Software Development using deep Learning-Modified Neural Network	Applied Nanoscience	Available Online ISSN NO: 2190-5517 https://doi.org/10.1007/s13204-021-02204-9	Feb-2022	SCIE
12	A. R JayaSudha, Pankaj Dadheech , K. Ramalingeswara Prasad, S.	Intelligent Wearable Devices Enabled Automatic Vehicle Detection and Tracking	Journal of Healthcare Engineering	ISSN NO: 2040-2295 Vol. 2022, Article ID 2592365, 14 pages, 2022.	March-2022	SCIE

	Hemalatha, Meghna Sharma, Sajjad Shaukat Jamal, and Daniel Krah	System with Video-Enabled UAV Networks Using Deep Convolutional Neural Network and IoT Surveillance		https://doi.org/10.1155/2022/2592365		
13	Parmod Kumar, Anupam Baliyan, K. Ramalingeswara Prasad , N. Sreekanth, Parag Jawarkar, Vandana Roy, and Enoch Tetteh Amoatey	Machine Learning Enabled Techniques for Protecting Wireless Sensor Networks by Estimating Attack Prevalence and Device Deployment Strategy for 5G Networks	Wireless Communications and Mobile Computing	ISSN: 1530-8669 Volume 2022, Article ID 5713092 Pages 15. https://doi.org/10.1155/2022/5713092	March 2022.	SCIE

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14	Rowthu Padma , Battula Nagaraju, Pammi Sumanth, nannapaneni Sindhu	Design an Automatic Power Supply and Implementing Using Three Different Sources with Microcontroller	Journal of Huazhong University of Science and Technology	Vol.50, No.7, Page: 1-7, ISSN: 1671-4512. https://m.box.com/shared_item/https%3A%2F%2Fapp.box.com%2Fs%2F6zfl515zfucl78od4uwztdp5vulj5dcj	July, 2021	Scopus
15	G.Sasi kiran Reddy, SK.Hussain, K.Alekhyia, Mr.B. Pangedaiah	Voltage Tripping Circuit For GSM Modem Distributed System load Alert System With Microcontroller	Journal of Huazhong University of Science and Technology	Vol.50, No.7, Page: 1-5, ISSN: 1671-4512. https://app.box.com/s/7a39odm89w20eqyy96bqdrqbjvujcr	July, 2021	Scopus
16	V Shanmugasundaram, NMG Kumar, Amarjeet Poonia, Atul Katiyar, AVGA Marthanda Hemavathi S	Electric Power Grid Modernization and Energy Management Roadmap	Journal of Nuclear Energy Science & Power Generation Technology	ISSN: 2325-9809. Vol.10, No.11, Page: 1-5,	Nov-21	Scopus
17	K Radha Rani, P Sobha Rani , N Chaitanya	Improved Bald Eagle Search for Optimal Allocation of D-STATCOM in Modern	International Journal of Intelligent	ISSN: 2185-3118. Vol.15, No.2, Page: 554-563,	Feb-2022	Scopus

	Varaprasad Janamala	Electrical Distribution Networks with Emerging Loads	Engineering and Systems			
18	P. Sobha Rani M. S. Giridhar, K. Radha Rani, Varaprasad Janamala	Adaptive Grasshopper Optimization Algorithm for Multi-Objective Dynamic Optimal Power Flow in Renewable Energy Integrated Microgrid	International Journal of Intelligent Engineering and Systems,	ISSN: 2185-3118 Vol.15, No.3, 2022 DOI: 10.22266/ijies2022.0630.21	April-2022	Scopus
19	M. S. Giridhar, K. Radha Rani, P. Sobha Rani, Varaprasad Janamala	Mayfly Algorithm for Optimal Integration of Hybrid Photovoltaic / Battery Energy Storage / D-STATCOM System for Islanding Operation	International Journal of Intelligent Engineering and Systems,	ISSN: 2185-3118 Vol.15, No.3, 2022 DOI: 10.22266/ijies2022.0630.19	April-2022	Scopus
20	Gudavalli Madhavi, Vemulapalli Harika, Imran Abdul, Mohammed Azaharahmed	Diversified Soft Computing Techniques Solution For Economic Load Dispatch Problem	Journal of Theoretical and Applied Information Technology	Vol.100. No 10, ISSN: 1992-8645, 2022. http://www.jatit.org/volumes/Vol100No10/12Vol100No10.pdf	May 2022	Scopus
21	Kulshrestha, V, Mahandiran S. B., Kurikyala, P. Y, Marthanda, A. V. G. A, Ganesan, M, & Sampath V	Fuzzy-based optimization and linear feedback fluid actuators for soft handheld robots	International Journal of Health Sciences	ISSN No: 2550-6978, Vol No. 6, Special Issue 3 (S3), June 2022. https://doi.org/10.53730/ijhs.v6nS3.8732	June 2022	Scopus

Scopus Indexed Proceedings Publication:

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22	M. Raja Nayak , V.V.K. Tulasi, K. Divya Teja, K. Koushic, B. Suresh Naik	Implementation of quasi Z-source inverter for renewable energy applications	Materials Today: Proceedings-Elsevier	Available Online ISSN NO: 2214-7853 https://doi.org/10.1016/j.matpr.2021.06.383	July, 2021	Scopus
23	Syed Abdul Mujeer , Ramesh Jayaraman, Puchanuthala Siva Krishna, Sivaprasad Kollati, M Raja Nayak	FOPID and state space analysis based PSS for damping of oscillation in multi machine system	Materials Today: Proceedings-Elsevier	Available Online ISSN NO: 2214-7853 https://doi.org/10.1016/j.matpr.2021.06.393	July, 2021	Scopus
24	Vimmigari Karthik, T. Santhosh Kumar, Vendoti Suresh, B. Kavya Santhoshi, M. Raja Nayak	Performance of DFIG fed wind turbine under fault conditions	Materials Today: Proceedings-Elsevier	Available Online ISSN NO: 2214-7853 https://doi.org/10.1016/j.matpr.2021.06.380	July, 2021	Scopus
25	Syed Abdul Mujeer , Manoj Kumar Dwarasila, John David Chintala, Venkata Sai Krishna Adimulam	Low frequency oscillations damping by design of power system stabilizer using intelligent controllers	Materials Today: Proceedings-Elsevier	Available Online ISSN NO: 2214-7853	July, 2021	Scopus
26	T.Nagadurga , P.V.R.L Narasimham, V.S. Vakula	Maximum Power Extraction from Solar Photovoltaic Strings Using Grey Wolf Optimization Technique Under Partial Shading Condition	Smart and Intelligent Systems Proceedings of SIS 2021	ISSN NO: 2524-7565	Sep-21	Scopus
27	Ayan Banik, Jarabala Ranga, Anurag Shrivastava, Subash Ranjan Kabat, A.V.G.A. Marthanda , Hemavathi S.	Novel Energy-Efficient Hybrid Green Energy Scheme for Future Sustainability	2021 International Conference on Technological Advancements and Innovations (ICTAI)	ISBN:978-1-6654-2087-7 DOI: 10.1109/ICTAI53825.2021.9673391	14 January 2022	Scopus

28	J.Sivavara Prasad J.V.Pavan Chand	Simulation and Virtual control of BLDC Motor Drive Using Keil's and Proteus Software	Fifth International Conference on Electronics, Communication and Aerospace Technology (ICECA 2021)	ISBN: 978-1-6654-3524-6 DOI: 10.1109/ICECA52323.2021.9676138	January 2022	Scopus
29	A. Shukla, S. Ahamad, G. Nageswara Rao , A. J. Al-Asadi, A. Gupta M. Kumbhkar	Artificial Intelligence Assisted IoT Data Intrusion Detection	2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 330-335,	ISBN: 978-1-6654-1448-7 doi: 10.1109/ICCCT53315.2021.9711795.	18 February 2022	Scopus
30	Chandrika V S, Sree Southry S , Dr.A.V.G.A.Marthanda , K. Karthigaivel , K.P.Shanmuga Priya , Chintala Venkatesh	Chopping Down on Industry 4.0 using Automatic Power Factor Correction Units to Boost Power Performance	Proceedings of the International Conference on Electronics and Renewable Systems (ICEARS 2022) IEEE Xplore Part Number: CFP22AV8-ART;	ISBN: 978-1-6654-8425-1 DOI: 10.1109/ICEARS53579.2022.9752321	13 April 2022	Scopus
31	S.Uma Maheswara Reddy, N.Venkatesh, N.Siva Nagendra, P.Ram Prasad, M. Raja Nayak	Study On New Design Techniques for Enhancement of Solar Panel Efficiency	2021 International Conference on Computing Sciences (ICCS)	ISBN: 978-1-6654-9446-5 DOI: 10.1109/ICCS54944.2021.00022	June 2022	Scopus
32	Anu Radha Kota, J.Sivavara Prasad , J.V.Pavan Chand	Hybrid Soft Switching Mode PWM Full Bridge DC-DC Converter with Minimized Switching Loss	2021 International Conference on Computing Sciences (ICCS)	ISBN NO: 978-1-6654-9446-5 DOI: 10.1109/ICCS54944.2021.00034	June 2022	Scopus
33	S. K. Kishore, G. Vasukidevi, E. P. C. Prasad, T. R. Patnala, V. Prabhakar Reddy and P. B. Chanda,	A Real- Time Machine learning based cloud computing Architecture for Smart Manufacturing	2022 International Conference on Applied Artificial Intelligence and Computing (ICAAIC)	ISBN NO: 978-1-6654-9711-4 DOI: 10.1109/ICAAIC53929.2022.9792860	June 2022	Scopus

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34	B N L Mounika , V Akanksha , V Chandra Mouli , K S L Lavanya	Design and Simulation of Fully Electric Vehicle Using MATLAB Simulink With Powertrain Blockset	DICKENSIAN JOURNAL	ISSN NO: 0012-2440 Vol.22, No.5, Page: 132-137. 2022. DOI:10.12001.DK.J 2022.V22.I5.186	May-2022	Online
35	V. Sahaja, S. Koteswaramma, G.S. Vinay Kumar Krishna, Mrs.K.S.L. Lavanya	Single Phase Transformer Less Inverter Grid-Connected PV Array Using MPPT	DICKENSIAN JOURNAL	ISSN NO: 0012-2440 Vol.22, No.5, Page: 470-474. 2022. DOI:10.12001.DK.J 2022.V22.I5.230	May-2022	Online
36	V. Maha Lakshmi, P. Sai Tejaswini, B. Hrushitha, A.V. Ravi Kumar	IMPLEMENTATION OF RAILWAY TRACK-CRACK DETECTION SYSTEM USING IOT	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 42-47. 2022. DOI:10.12001.DK.J 2022.V22.I5.177	May-2022	Online
37	G.P.S.C. Raghavendra, G.Naga Babu, M. Surya Vandhana, A.V. Ravi Kumar	Automatic Attendance System with Face Recognition using Python	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 198-205. 2022. DOI:10.12001.DK.J 2022.V22.I5.195	May-2022	Online
38	N. Vasanthi, M. Mukesh, Ch. Sai Nikhil, K. Nagalinga Chary	ARDUINO BASED AUTOMATIC SERVO VOLTAGE STABILIZER	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 247-250. 2022. DOI:10.12001.DK.J 2022.V22.I5.202	May-2022	Online
39	T.Sampath, B.L.Sowjanya, A.S.N.Rakesh, K. Nagalinga Chary	GSM Technology Modeling of an Arduino-based Smart Energy Meter	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 369-372. 2022. DOI:10.12001.DK.J 2022.V22.I5.218	May-2022	Online
40	Y . Sowmya, J.V. Pavan chand , N. Saisree, V. Bhargav	Internet Of Things (Iot) Based Smart Grid Using Arduino	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 234-240. 2022. DOI:10.12001.DK.J20 22.V22.I5.200	May-2022	Online

41	Bezawada Naga Maneesha, Naraboyina Sravani, Kasi Naveen babu, Mr.J.V.Pavan Chand	Automatic Phase Selector With IOT Notifier	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 540-545. 2022. DOI:10.12001.DK.J2022.V22.I5.239	May-2022	Online
42	Ch. DV. Sandeep, B. Jyothi, G. Vamsi, Imran Abdul	Fault Detection in Single-Phase Transformer using GSM Technique	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 417-421. 2022. DOI:10.12001.DK.J2022.V22.I5.225	May-2022	Online
43	M. Jahnavi M. Siva Kumar S. Ganesh CH. Rajesh	Implementation Of Neural Network MPPT For Solar PV System	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 154-159. 2022. DOI:10.12001.DK.J2022.V22.I5.189	May-2022	Online
44	B.Venkata Jyothi Kamal, K.Girisai, K.Kalyan Reddy, K.R.L.Prasad	Automatic Fan Speed Controller By Using Arduino R3 And Temperature Sensor	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 1177-1183. 2022. DOI:10.12001.DK.J2022.V22.I5.234	May-2022	Online
45	P.Deepak Reddy, K.Deepika, P.V.Mohan chandu,B. Anil	Design And Fabrication Of Multi Purpose Fire Fighting robot With Video Streaming Capability	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 241-246. 2022. DOI:10.12001.DK.J2022.V22.I5.201	May-2022	Online
46	P. Srihari, T. Praveen Sai, H. Jahnavi, M. Siva Sai Kumar	A Hybrid Deep Learning Approach For Wind Speed Forecasting	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 331-334. 2022. DOI:10.12001.DK.J2022.V22.I5.212	May-2022	Online
47	P. Srihari, K. Sri Dharma Teja, B. Blessy, G. Sai Krishna	Short-Term Forecasting Of Electrical Power Consumption	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 354-358. 2022. DOI:10.12001.DK.J2022.V22.I5.216	May-2022	Online
48	T. Kavyaa, V.Veera Swamy, G. Rambabua, T. Naga Durga	Automatic Solar Panel Cleaning System Based On Aurdino For Dust Removal	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 350-353. 2022. DOI:10.12001.DK.J2022.V22.I5.215	May-2022	Online
49	B. Jahnavi L. Madhavii B. Umesh Dr. AVGA Marthanda	Fault Detection In Power Transmission Lines Using Gsm Technology	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.5, Page: 345-349 2022. DOI:10.12001.DK.J2022.V22.I5.214	May-2022	Online
50	K. Poojitha Gayathri, Dr. M. S. Giridhar, J. Nagamani,B. Madhu	Advance Monitoring and Controlling in Modern Electric Vehicles	DICKENSIAN JOURNAL	ISSN NO: 0012-2440, Vol.22, No.4, Page: 890-893 2022. DOI:10.12001.DK.J2022.V22.I4.157	May-2022	Online