



LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institution

(Approved by A.I.C.T.E & Affiliated to JNTUK, Kakinada)

Accredited by NBA and NAAC with 'A' Grade

Jonnada, Denkada (Mandal), Vizianagaram Dist – 535 005

Phone No. 08922-241111, 241666

E-Mail: lendi_2008@yahoo.com

Website: www.lendi.org

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

List of Paper Publications during the Academic Year 2021-22

S.No	Name of the Authors	Title of the paper	Name of the Journal	Month & Year of Publication	ISSN No	National / International
1	Dr. K. Subbaramaiah	An approach to unravel the optimal PMU placement problem for full observability of power network in view of contingencies	International Journal of System Assurance Engineering and Management	October 2021		International
2	Dr. K. Subbaramaiah	Multi Objective RES Power Generation for SRM Based Electric Vehicles	Design Engineering	September 2021	0011-9342	International
3	Dr. K. Subbaramaiah	Modeling & Analysis of 255W rated PV Array using LAB-VIEW	Design Engineering	September 2021	0011-9342	International
4	Dr.M.Mangaraj	Operation of Hebbian least mean square controlled distribute d static compensator	IET Generation, Transmission & Distribution	July 2021	1939-1948	International
5	Dr.M.Mangaraj	GLMS control strategy based DSTATCOM for PQ enhancement: modeling and comparative analysis	Energy Systems	October 2021		International


6	Dr.M.Mangaraj	Dual Renewable Power Generation System Using Active Power Filter Capabilities LMMN-Based Adaptive Filtering Method	Design Engineering	September 2021	0011-9342	International
7	Dr.M.Mangaraj	Control and Operation of a DC Grid-Based Wind Power Generation System in a Microgrid	Design Engineering	September 2021	0011-9342	International
8	Dr.B.V.S.Acharyulu	Design and implementation of IOT based Gas detection & fire Extinguishing System	International Journal of Emerging Trends in Engineering Research	July 2021	2347 - 3983	International
9	Dr.B.V.S.Acharyulu	Design of micro grid fed by renewable energy sources using the MPPT control	Design Engineering	September 2021	0011-9342	International
10	Dr.B.V.S.Acharyulu	Power Quality Enhancement by Using RPFC In Railway Power System with Pid Controller	Design Engineering	September 2021	0011-9342	International
11	Dr. Rohit Babu	An approach to unravel the optimal PMU placement problem for full observability of power network in view of contingencies	International Journal of System Assurance Engineering and Management	October 2021		International
12	Dr. Rohit Babu	Optimal reactive power planning using oppositional grey wolf optimization by considering bus vulnerability analysis	Energy Conversion and Economics (IET)	December 2021		International
13	Dr. Rohit Babu	Simulation of Fuzzy Based Dynamic Voltage Restorer for Voltage Sag Compensation	Design Engineering	September 2021	0011-9342	International
14	Dr. Rohit Babu	A Review at the utilization of Renewable Energy in an Agricultural Operation	Biophysical Economics and Sustainability	November 2021		International
15	Dr. Rohit Babu	Allocation of phasor measuring unit using an admissible searching-based	Optimal Control Applications and	December 2021		International

		algorithm A-star and binary search tree for full interconnected power network observability	Methods			
16	Dr. Rohit Babu	Reactive power planning problem considering multiple type of FACTS in power systems	International Journal of System Assurance Engineering and Management	January 2022		International
17	Dr. Rohit Babu	Fuzzy-Based Shunt VAR Source Placement and Sizing by Oppositional Crow Search Algorithm	Journal of Control, Automation and Electrical Systems	February 2022		International
18	Dr. Rohit Babu	Application of Sine–Cosine Optimization Algorithm for Minimization of Transmission Loss	Technology and Economics of Smart Grids and Sustainable Energy	February 2022		International
19	Mrs.P.Janaki	Power Quality Enhancement for a Grid Connected Wind Turbine Energy System	Design Engineering	September 2021	0011-9342	International
20	Mrs.P.Janaki	Direct torque control method using Kalman filter	Design Engineering	September 2021	0011-9342	International
21	Mrs.P.Janaki	Power Quality Improvement Using Unified Power Quality compensator	International Journal of Advanced Trends in Computer Science and Engineering	August 2021	2278-3091	International
22	K. Ravishankar	Power Quality Enhancement Using Static Voltage Compensation Based Adaptive Neuro Fuzzy Techniques	Design Engineering	September 2021	0011-9342	International
23	T.Papinaidu	Space Vector Pulse Width Modulation based Diode-Cascaded-H Bridge Three-level Inverter	Design Engineering	September 2021	0011-9342	International

24	Mr.K. Praveen Kumar Yadav	Power quality improvement in Grid connected Renewable Energy Sources	International Research Journal of Engineering and Technology	July 2021	2395-0056	International
25	Mr.K. Praveen Kumar Yadav	Source Voltage and Current Waveform and THD Improvement using ANFIS-PID based DSTATCOM Controller for Distorted Load	Design Engineering	September 2021	0011-9342	International
26	P.Shyam Kiran	Power Quality Improvement by using Dynamic Voltage Restorer	International Journal of Emerging Trends in Engineering Research	September 2021	2347 - 3983	International
27	Mrs. K.Nagamani	Design and Simulation of Seven Level Cascaded H Bridge Inverter for Medium Power Applications	International Journal of Engineering Research & Technology(IJERT)	August 2021	2347-3983	International
28	Mrs. K.Nagamani	Low Frequency AC Transmission for Offshore Wind Power	International Journal of Engineering Research & Technology(IJERT)	August 2021	2347-3983	International
29	V. Dhanunjay Naidu	High efficiency single -Input Multi-output DC-DC Converter	International Journal of Research and Analytical Reviews	September 2021	2348-1269	International
30	Mr.U.Sri Anjaneyulu	A controllable bidirectional battery charger for electric vehicles with energy management system	International Research Journal of Engineering and Technology	July 2021	2395 - 0056	International
31	Mr.U.Sri Anjaneyulu	Power Quality and Harmonic Assessment for 9 bus Power System under Nonlinear load using a static synchronous series compensator	Design Engineering	September 2021	0011-9342	International

32	Mrs.K. Aswini	Design and Analysis Bidirectional Battery Charger for Electric Vehicle	International Journal of Engineering Research & Technology(IJERT)	July 2021	2278 - 0181	International
33	B. Ram Vara Prasad	Optimization of connecting weights using metaheuristic techniques: a comparative analysis	Design Engineering	September 2021	0011-9342	International
34	B. Ram Vara Prasad	A Review at the utilization of Renewable Energy in an Agricultural Operation	Biophysical Economics and Sustainability	November 2021		International
35	B. Ram Vara Prasad	Allocation of phasor measuring unit using an admissible searching-based algorithm A-star and binary search tree for full interconnected power network observability	Biophysical Economics and Sustainability	December 2021		International
36	J.Vijaychandra	Envision of Solar Photovoltaic Module Parameters using AI Techniques	International journal of innovative research in technology	September 2021	2349-6002	International
37	J.Vijaychandra	Optimization of connecting weights using metaheuristic techniques: a comparative analysis	Design Engineering	September 2021	0011-9342	International
38	J.Vijaychandra	Allocation of phasor measuring unit using an admissible searching-based algorithm A-star and binary search tree for full interconnected power network observability	Biophysical Economics and Sustainability	December 2021		International
39	B. Sesha Sai	Envision of Solar Photovoltaic Module Parameters using AI Techniques	International journal of innovative research in technology	September 2021	2349-6002	International
40	B. Sesha Sai	Optimization of connecting weights using metaheuristic techniques: a comparative analysis	Design Engineering	September 2021	0011-9342	International

41	K.Veda Prakash	Power Quality and Harmonic Assessment for 9 bus Power System under Nonlinear load using a static synchronous series compensator	Design Engineering	September 2021	0011-9342	International
42	K.Veda Prakash	Envision of Solar Photovoltaic Module Parameters using AI Techniques	International journal of innovative research in technology	September 2021	2349-6002	International
43	D.Narendra	Envision of Solar Photovoltaic Module Parameters using AI Techniques	International journal of innovative research in technology	September 2021	2349-6002	International
44	K.Dinesh	Envision of Solar Photovoltaic Module Parameters using AI Techniques	International journal of innovative research in technology	September 2021	2349-6002	International
45	K.Dinesh	Performance Analysis of Photovoltaic Module Using Maximum Power Point Tracking Technique	International Journal of Research and Analytical Reviews	July 2021	2348-1269	International
46	K.Dinesh	Power Quality and Harmonic Assessment for 9 bus Power System under Nonlinear load using a static synchronous series compensator	Design Engineering	September 2021	0011-9342	International


Head of the Department
 Lendi Institute of Engineering & Technology,
 Jonnada, Denkada Mandal,
 Vizianagaram - 535005.