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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR-(2020-2021)

INTERNATIONAL JOURNAL

S.No	Author(s)	Article title	Journal name	Journal ISSN No	Year & Month	Vol no.	Page no	DOI	Database (Web of Science/ Scopus/ SCI indexed/ SCI expanded/ UGC)
1.	Jamna A, Jayarama Pradeep, Jamuna V	Comparative analysis of voltage controllers for a single stage AC-AC converter for Aircraft Ground power unit application	Elsevier:Materials Today: Proceedings	2214-7853	December 2019,			https://doi.org/10.1016/j.matpr.2020.10.731	Scopus

2.	Jayarama Pradeep, V.Balasubramanian , P.Shanthi, A.Anbazhagan, V.Senthil Nayagam	Data logger for Monitoring and Control of Energy Consumption in Residential Buildings using Programmable Logic Controller	Journal of Green Engineering (JGE)		Jun-20	Volume- 10, Issue-6, June 2020	2547– 2559.		
3.	Anbarasan P & Krishnakumar V	A new three-phase multilevel DC-link inverter topology with reduced switch count for photovoltaic applications	Circuit World	EARL Y CITED	Accepted June 2020		6268- 6275		
4.	M. Vaigundamoorthi R. Ramesh V. Vasan Prabhu K. Arul Kumar	MPPT oscillations minimization in PV system by controlling non- linear dynamics in SEPIC DC-DC converter	International Journal of Electrical and Computer Engineering (IJECE)	ISSN: 2088- 8708	Decembe r 2020,	Vol. 10, No. 6			
5.	R. Elanthirayan,K. Sakeenathul Kubra, V. Rajinikanth, N. Sri Madhava Raja	Extraction of Cancer Section from 2D Breast MRI Slice Using Brain Strom Optimization		978- 981-15- 5679-1	Aug-20	volume 1177	731- 739	https://doi.org/10.1007/978-981-15-5679-1_71	
6.	Anbaarasan P,Ramkumar S Thamizharasan	Power Quality analysis of three phase voltage source inverter using various SVPWM switching schemes	International journal of Engineering trends and Technology	ISSN: 2231- 5381	Nov-20	sp./issue s-ICT 2020	103- 107		Scopus

7.	M Ramesh babu C Venkatesh kumar, S Anitha	Simultaneous Reconfiguration and Optimal Capacitor Placement Using Adaptive Whale Optimization Algorithm for Radial Distribution System	JEET	1975- 0102	Nov-20	Vol 1	44105	https://doi.org/10.1007/s42835-020-00593-5	Scopus
8.	MegaShivani R, Jerena Winston R, Sriananda Ganesh T	Image Captioning using Machine Learning	International Research Journal of Modernization in Engineering Technology and Science	e-ISSN: 2582- 5208	Aug-20	Volume: 02/ Issue: 08 e- ISSN: 2582- 5208	65-71		

BOOK CHAPTERS

S.No	Name of the Author	Name of the Title	Name of the Proceedings	Year & Month	Vol.No	Page No
1	Hounandan, chamundeewari v kumaran M S Deepa R	Dynamic analysis of fuel cell fed superlift converter	Advances in smart grid technology,LNEE	Sep-20	687	289-305
2	A jamna R sujatha V jamuna	Simulation and analysis of a voltage control strategy for single stage AC-AC converter	Advances in smart grid technology,LNEE	Sep-20	687	219-230

INTERNATIONAL CONFERENCE

S.NO	Name with Co-Authors	Month & Year	Title	Name of the Conference	Venue
1	Monika.C, Kanagapriya S, Jothika A, Karunya D, Dr.Jayarama Pradeep	aug 16-17 2020	Rocker Bogie-A COVID Fighter	2nd International conference on interdisciplinary research and physical sciences	
2	Karunya.D , Kanagapriya S, Dr.Jayarama pradeep	aug 16-17 2020	Earthquake detector using Arduino	2nd International conference on interdisciplinary research and physical sciences	
3	Roshan Melki Doss, Dr.Jayarama pradeep	20- 21,February 2020	Simulation and analysis of Perturb and observe MPPT algorithm for PV array using SEPIC Converter	6th International conference on Electrical Energy Systems(ICEES-2020)	Siva Subramaniya Nadar College of Engineering
4	Sethusubramaniyan C,M.Vigneshboopathy V,Chamunadeeswari	26-28 Aug 2020	Intelligent monitoring and control of fuel cell on an IOT-cloud platform	1st VIRTUAL INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY SYSTEMS	Siva Subramaniya Nadar College of Engineering
5	K.Aravindhan M.Venmathi N.Chidambararaj	26-28 Aug 2020	A Focus on Power Systems Congestion Management - A Primitive Review of the literature	1st VIRTUAL INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY SYSTEMS	Siva Subramaniya Nadar College of Engineering
6	Vasan prabhu V P.Aruna	26-28 Aug 2020	Evolution and Recent Advancements in Electric Vehicle (EV) Technology	1st VIRTUAL INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY SYSTEMS	Siva Subramaniya Nadar College of Engineering
7	R. J. Vijaya Saraswathi Dr.V.Vasanprabhu	26-28 Aug 2020	Battery Safety Enhancement in Electric Vehicles - A Review Paper	1st VIRTUAL INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY SYSTEMS	Siva Subramaniya Nadar College of Engineering
8	M. Venmathi, R. Oviya, P. Vidhya	26-28 Aug 2020	Analysis of Novel Battery Charger for Electric Vehicle	1st VIRTUAL INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY SYSTEMS	Siva Subramaniya Nadar College of Engineering

					Engineering
9	Jayarama Pradeep, K.Krishnakumar, M.Sowmiya	20-21 Feb 2020	Hybrid energy harvesting system using IOT	IOP Conf.Series:Materials Science and Engineering	St.Joseph's institute of tech
10	C Venkatesh Kumar, M Ramesh Babu	17-18 September, 2020.	Solution Of Unit Commitment Problem Using Honey Bee Algorithm	Recent Trends in Power and Energy Engineering - 2020" (RTPEE - 2020)	Siva Subramaniya Nadar College of Engineering