International Journal of Engineering Research and Applications (IJERA)

Editor-In-Chief

Prof. Manju Sharma

Editorial Board Members

Dr. Hadi Arabshahi, Iran

A. K. M Nazmus Sakib, Bangladesh

Dr. Aknuas William, Australia

Dr. Eugen Axinte, Romanian

Dr. Rao, P.hd, USA

Dr. Yaduvir Singh, India

Dr. Shahram Jamali, Iran

Associate Editorial Board members

Sukumar Senthil Kumar Universiti Sains Malaysia, School of Mathematical Sciences, Malaysia

Dr. Bensafi Abd-El-Hamid Abou Bekr Belkaid University of Tlemcen, Algeria Tamilnadu, India

Dr. Prasanta K Sinha Deputy Director, Durgapur Institute of Advanced Technology & Management, West Bengal

Hari Mohan Pandey Middle East College of Information Technology, Under Coventry University, U.K.

Dr. V S Giridhar Akula Professor and Principal, Avanthi's Scientifi Technological and Research Academy (JNTU), Hyderabad

Contact Details

Ukraine Office First floor, ST Street, Ivano-Frankivsk, 76008, Ukraine **India Office** SC-89, Shastri Nagar, Ghaziabad, UP, India

Email: ijera.editor@gmail.com Website: www.ijera.com



















Dr. Prasanta K Sinha Durgapur Institute of Advanced Technology & Management, Durgapur

Dr. A.V.Senthil Kumar Director, MCA depart, Hindusthan College of Arts and Science,

Dr. Suresh Prasad Singh H.O.D.(Chemical Engineering), B. I. T. Sindri, Dhanbad

Patrick Tiong Liq Yee Universiti Teknologi Malaysia, Malaysia,

Dr. Santosh K. Pandey Department of Information Technology Board of Studies, The Institute of Chartered Accountants of India

ISSN: 2248-9622

International Journal of Engineering Research and Applications (IJERA)

Volume 12 - Issue 11 November 2022

Peer Reviewed Refereed Journal



International Journal of Engineering Research and Applications (IJERA)

	Volume : 12 Issue : 11 Series 2	ISSN : 2248-9622	November-2022
	Contents :		
	Trickle Irrigation System for Sugarcane Crops and Its Water Utilization in Tamil Nadu Information Technology Applications in balance work and life activities The Economic Feasibility of a Solar PV Array with Battery Storage for a Residence in Dayton, OH		100-107
			108-112
			113-117
	The Effectiveness of FPGA (KUSUMI) Arc	Different Lightweight Block Cipher hitectures: A Review	118-123
	Water Desalination Using Renewable Energy Resources Based on a Cogeneration Principle		124-141
	Improving energy con desiccant	sumption in air conditioning using	142-147
	Developments of Elec Systems	ctronic Circuits in Automotive	148-151
	Analysis of G+12-Str Conditions Using ETA	ABS	152-159
	Analysis of the produ drillings in the comm	ctivity of SONEB's groundwater une of Porto-Novo	160-170
	Manufacturing Errors Measurement Work A	In Measuring Devices Impact and Its Accuracy	171-177
		ct on Tribological Behavior of AISI standing of Wear Rate	178-185
	Solar PV Based Five- Applications	Level Inverter Fed BLDC Motor Drive	186-194
	Study on Fatigue Ris Driver in the Mining I	k Management Heavy Equipment ndustry	195-199
		f Various Heat Treatment Processes ten Carbide (WC) Alloys	200-204
		nternal Combustion Engine with Fuel ergy Recovery System	205-209
	Center Point Marker	(CPM)	210-212
	Performance Analysis Array	s of CLPHP Using L9 Orthogonal	213-220
	Minimum Cybersecur	ity Framework for Industry 4.0/SMEs	221-226
		d Development of Banana Fiber legradable applications	227-233
1			