

Sr.No	Name of Authors	Title of Paper	Name of Journal	SCI/ESCI/S CIE/Scopus/ UGC care/Other	Published By	DOI/ Vol. Issue & page no	Year	
1	Dr G. S. Patel	A Design and Investigation Inexact compressor based on low power Multiplier	Journal of Circuits, Systems and Computers	SCI	Worldscientific publication	doi/10.1142/S0218126623502985	Sep 2023	
2	Mr S V Kumbhar	Thermal and emission analysis of spark ignition engine using premium gasoline ethonol paraffin blends with different operating condition	Sigma journal of engineering and natural sciences	ESCI	Natura publication		Apr-24	
3	Mr S B Kumbhar	Expermental investigations of spark ingnition engines using gasoline with different operating condiition	ES energy and environment	Scopus	ES energy and environment	10.30919/esee1114	Apr-24	
4	Mrs.P.A.Chougule	Smart medi Box	International Journal of Scientific Research in Engineering and Management		IJSREM		July-2024	
5	Dr.G.B.Dapke	Approximating solutions of Hybrid Differential Equations with Maxima	Journal of Survey in Fisheries Sceinces	SCOPUS		Vol.10(P.No.647-656)	2023-24	
6	V Ganbavle, S Shaikh, S Mohite, S Inamdar, A Bagade, A Patil, K Rajpure	Synergistic effects of Pd decoration and substrates on the NO2 sensing performance of sprayed WO3 thin films	Chemical Physics Letters	SCI	Elsevier	https://doi.org/10.1016/j.cplett.2023.140327	2023	
7	Kiran A. Doiphode, Amit A. Bagade and Swati V. Sankpal	Network lifetime and PDR analysis of QoS aware routing protocol for EH-WSN	International journal of Engineering Research and Applications	UGC care	IJERA	DOI: 10.9790/9622-1308303930 Vol. 13, Issue 8, August 2023, pp 30-39.	2023	
8	Dr.S.B.Gurav,Mr.P.B.Patil	“Skin Disease Detection Using VGG16 and InceptionV3”	International Research Journal Of Intelligent Systems and Applications In Engineering	SCOPUS	International Research Journal Of Intelligent Systems and Applications In Engineering	ISSN:2147-6799 ,VOL. 12 NO. 1S (2024),148–155	2023-24	
9	Mr.P.B.Patil	“VOICE BASED CALCULATOR”	International Research Journal Of Modernization In Engineering Technology And Science	Other			2023-24	
10	Mr.P.B.Patil	“DETECTION OF PNEUMONIA FROM CHEST X-RAY IMAGES USING CNN AND DEEP LEARNING”	International Research Journal Of Modernization In Engineering Technology And Science	Other		Volume:05,Issue:12,December-2023	2023-24	
11	Mr.P.B.Patil	“DECENTRALIZED FILE SYSTEM USING BLOCKCHAIN”	International Research Journal Of Modernization In Engineering Technology And Science	Other		Volume 05, Issue 10, October 2023	2023-24	

12	Shital V. Sokashe Ghorpade	LSDM-QDCNN: Long Short Term Memory and Quantum dilated convolutional neural network enabled occlusion percentage prediction	Australian Journal of Electrical and Electronics Engineering	SCOPUS	Taylor and Francis	DOI: 10.1080/1448837X.2024.2339107	2024	
13	Dr Sachin S Gurav	Atmospheric water generator using smart automation systems	International Journal of Electrical and Electronics Engineering	Scopus	SSRG	https://doi.org/10.14445/23488379/IJEEE-V11I4P122	2024	
14	Dr Sachin S Gurav	Klug Reflector using AIML & DL for the Fashion Industry.	Grenze International Journal of Engineering & Technology (GIJET), 2024, Vol 10, p3139	Peer review	GRENZE Scientific Society	Grenze International Journal of Engineering & Technology (GIJET), 2024, Vol 10, p3139	2024	
15	Ms M B Mulik	Reflectance material classification using optimized deep learning and change detection of LANDSAT surface reflectance images	Engineering Applications of Artificial Intelligence	SCI	Elsevier	https://doi.org/10.1016/j.engappai.2023.106697	2023	
16	Dr Pinki Deb	Utilization of Fly Ash and Rice Husk Ash in Cold Mix Asphalt as Filler	E3S web of Conferences	Scopus	Published	E3S Web Conf. Volume 455, 2023	2023	
17	Dr. Krishnkant Sahu	Analysis of MR fluid lubricated slot entry hybrid conical journal bearing with texturing arrangements	Tribology International, Elsevier	SCI (Q1)	Tribology International, Elsevier	https://doi.org/10.1016/j.triboint.2023.108788	Available online 15 July 2023, Version of Record 23 July 2023.	
18	Dr. Krishnkant Sahu	Performance Analysis of Textured Spherical Hybrid Journal Bearings Operated With Magnetorheological Fluid	Journal of Tribology, ASME	SCI (Q2)	Journal of Tribology, ASME (American Society of Mechanical Engineers)	Paper No: TRIB-23-1115 https://doi.org/10.1115/1.4063495	Published Online: October 18, 2023	
19	Dr. Krishnkant Sahu	Effect of bearing shell deformation and ER fluid behavior on two-lobed slot-entry hybrid journal bearing	Part J: Journal of Engineering Tribology	SCI (Q2)	SAGE Publications	https://doi.org/10.1177/13506501231213774	published online November 13, 2023	
20	Dr. Krishnkant Sahu	Combined Effect of Surface Irregularities and Applied Voltage on the Behavior of Hole-Entry Spherical Hybrid Journal Bearings Lubricated with an Electro-Rheological Fluid	Journal of Tribology, ASME	SCI (Q2)	Journal of Tribology, ASME (American Society of Mechanical Engineers)	https://doi.org/10.1115/1.4065771	Published Online: June 18, 2024	
21	V V Khandare	Smart Energy Meter for Data Reading and Energy Monitoring System	IJRPR International Journal	Open Access Journal	IJRPR International Journal	Volume 5 Issue 2 of International Journal of Research Publication and Reviews	published on 10th Feb 2024	

22	Dr. Shikalgar S. K.	Particle Swarm Intelligence: A Novel Approach to Optimizing Supply Chain Network Design	Annals of Data Science	SCI	Springer	https://doi.org/10.1007/s40745-024-00538-z	2024	1-26
23	Avesahemad SN Husainy, Sonali K Kale, Suresh M Sawant, Anirban Sur, Sagar D Patil	Heat Transfer Phenomenon of Nano-Enhanced Phase Change Material (NEPCM) Incorporated in Refrigeration Test Rig	Engineered Science Publisher	SCOPUS	ESPublisher	10.30919/esee1099	2023	
24	Chintamani R. Upadhye and Abhishek V. Chougule Avesahemad S. N. Husainy , Sagar D. Patil	Medical Additive Manufacturing: Challenges and Features	Asian Review of Mechanical Engineering	UGC Care	The Research Publication	doi.org/10.51983/arme-2023.12.1.3658	2023	
25	Dr. Vishal Patil	Reliability of renewable oxygenated fuels in engines: A comprehensive review of long-term testing	Fuel (Elsevier)	SCIE, Scopus	Elsevier	131451	2024	
26	Bahubali Babanrao Sangame, Y Prasannatha Reddy	Investigation on effect of carbon equivalent and inoculation on the solidification and shrinkage tendency of ductile cast iron using thermal analysis	Multidiscipline Modeling in Materials and Structures	SCOPUS SCIE	Emerald Publishing	https://doi.org/10.1080/MMMS-04-2023-0143 , Vol. 20 No. 1, pp. 1-17.	2023	
27	Avesahemad SN Husainy, Sonali K Kale, Suresh M Sawant, Anirban Sur, Sagar D Patil	Heat Transfer Phenomenon of Nano-Enhanced Phase Change Material (NEPCM) Incorporated in Refrigeration Test Rig	Engineered Science Publisher	SCOPUS	ESPublisher	10.30919/esee1099	2023	
28	Avesahemad S. N. Husainy, Vishal V. Patil, Omkar S. Chougule, and Paramvir Singh	Glance on Advancements and Innovations in Green Hydrogen Production Technologies	Energy, Environment and Sustainability	SCOPUS	Springer	https://doi.org/10.1007/978-981-97-1339-4_3	2023	
29	Vishal V. Patil, Avesahemad S. N. Husainy, Kaustubh Shedbalkar, and Paramvir Singh	Review on Revolutionary and Sustainable Green Hydrogen: A Future Energy Source	Energy, Environment and Sustainability	SCOPUS	Springer	https://doi.org/10.1007/978-981-97-1339-4_3	2023	
30	Avesahemad SN Husainy, Suresh M Sawant, Sonali K Kale, Sagar D Patil, Sujit V Kumbhar, Vishal V Patil, Anirban Sur	Investigation of Power Consumption of Refrigeration Model and Its Exploratory Data Analysis (EDA) by Using Machine Learning (ML) Algorithm	Cloud Computing	SCOPUS	Springer	https://doi.org/10.1007/978-3-031-56700-1_12	2023	

31	Kumbhar, S., Khot, S., Jujare, V., Patil, V., Husainy, A., & Shedbalkar, K	Prediction of Emission Characteristics of Spark Ignition (S.I.) Engines with Premium Level Gasoline-Ethanol-Alkane Blends Using Machine Learning	Cloud Computing	SCOPUS	Springer	https://doi.org/10.1007/978-3-031-56700-1_12	2023	
32	Avesahemad SN Husainy, Sairam A Patil, Atharva S Sinfal, Vasim M Mujawar, Chandrashekhar S Sinfal	Parameter Optimization of Refrigeration Chiller by Machine Learning	Asian Journal of Electrical Sciences	Peer Reviewed Journal	The Research Publication	DOI: https://doi.org/10.51983/ajes-2023.12.1.3684	2023	
33	Avesahemad S. N. Husainy , Abhishek M. Funde , Aniket B. Sonalkar , Shoaib I. Mulla and Rushikesh S. Gote	Review on PCM Heat Sink for Electronic Thermal Management Application	Asian Journal of Electrical Sciences	Peer Reviewed Journal	The Research Publication	https://doi.org/10.51983/arme-2023.12.1.3640	2023	
34	Avesahemad S. N. Husainy Ajeem A. Attar4 and Hemant A. Patil5	Analysing and Optimizing the Refrigeration System Using Machine Learning Algorithm	Asian Journal of Electrical Sciences	Peer Reviewed Journal	The Research Publication	DOI: https://doi.org/10.51983/ajes-2023.12.1.3681	2023	
35	A A Suryawanshi	Maximizing solar power output with PV STATCOM for reactive power compensation in ON-GRID systems	International Journal of Intelligent Systems and Applications in Engineering	SCOPUS	IJISAE	https://ijisae.org/index.php/IJISAE/article/view/6034	2024	
36	K H Shedbalkar	DenPow Model for Solar PV Power Generation Forecasting	International Journal of Intelligent Systems and Applications in Engineering	SCOPUS	IJISAE	https://ijisae.org/index.php/IJISAE/article/view/5881	2024	
37	M S Kulkarni	Enhancing grid resiliency in distributed energy systems through a comprehensive review and comparative analysis of islanding detection methods	Scientific Reports	SCOPUS, SCIE	Nature	https://doi.org/10.1038/s41598-024-62690-z	2024	
38	Sukanta Debnath, Upama Das, Pabitra Kumar Biswas	Comparative Analysis of Single Coil and Double Coil Active Magnetic Bearings for High Speed Application	Electrical Engineering	SCI	SPRINGER	106, 1191–1202	2024	
39	Moumita Saha, Sumita Deb	Faraday rotation stimulated optical-rotation quasi-phase-matching technique to radiate a highly efficient elliptically polarized second harmonic	JOSA B	SCI	OSA	vol. 41, No. 6	2024	