

ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY, NAGPUR

Journal Publication

R&D Cell

Journal publications details Session 2023-24

Sr. No.	Author	Paper Title	Journal Title	Category (SCI/SCOPUS/UGC/Other)	Volume	Issue	Publication Date	ISSN	Link
1	Dr. Kapil Gupta	Remote photoplethysmography- based human vital sign prediction using cyclical algorithm	Journal of Biophotonics	SCI	16	11	September 2023	1864-0648	https://doi.org/10.1002/jbio.202300286
2	Dr. D.W.Wajgi	A Clustering-Based 3D Localization in Wireless Sensor Networks Using RSSI and AoA	SN Computer Science	SCOPUS			September 2023	2661-8907	https://doi.org/10.1007/s42979-023-02139-8
3	Ansar I Sheikh	IOT and Big Data Integration for Realtime agricultural Monitoring	Journal of Advanced Zoology	SCOPUS	44	S-2	November 2023	0253-7214	https://jazindia.com/index.php/jaz/article/view/1542
4	Ansar I Sheikh	Revolutionizing collaborative auditing: A dynamic blockchain-based cloud storage and assurance	Journal of Intelligent and fuzzy Systems	SCI			January 2024	1875-8967	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs237474
5	Dr. Yogesh Golhar	Novel person detection and suspicious activity recognition using enhanced YOLOv5 and motion feature map	Artificial Intelligence Review	SCI	57	2	January 2024	1573-7462	https://doi.org/10.1007/s10462-023-10630-0
6	Dr. Kapil Gupta	Choosing a Suitable Consensus Algorithm for Blockchain Applications: A Review of Factors and Challenges	International Journal of Intelligent Systems and Applications in Engineering	SCOPUS	12	10	January 2024	2147-6799	https://ijisae.org/index.php/IJISAE/article/view/4381
7	Dr. Dipak Wajgi	RSSI and AoA Combination Using PSO-Based Clustering for Localization in WSN	Ad Hoc & Sensor Wireless Networks,	SCI	58	3-4	March 2024	1552-0633	DOI: 10.32908/ahsw.v58.9877
8	Dr. Dipak Wajgi	Heart Disease Prediction using Graph Neural Network	International Journal of Intelligent Systems and Applications in Engineering	SCOPUS	12	12s	January2024	2147-6799	https://ijisae.org/index.php/IJISAE/article/view/4514
9	Prof. Komal Jaisinghani	Advanced Heart Disease Prediction: Deep Learning-Enhanced Convolutional Neural Network in the Internet of Medical Things Environment	Journal of Electrical Systems (JES)	SCOPUS	20	1s	March 2024	1112-5209	https://journal.esrgroups.org/jes/article/view/748
10	Prof. R.C.Roychaudhary	AluminiumScandium Nitride Thin Film BAW Resonators (FBAR) for 5G Applications	Journal of Electrical Systems (JES)	SCOPUS	20	3	April 2024	1112-5209	https://journal.esrgroups.org/jes/article/view/3002/2363
11	Priti V. Bhagat	Comparative Analysis of Classification of Neonatal Bilirubin by Using Various Machine Learning Approaches	CUREUS JOURNAL OF MEDICAL SCIENCE	WoS/ESCI	16	6	June 2024	2168-8184	10.7759/cureus.62019 https://www.cureus.com/articles/251348-comparative-analysis-of-classification-of-neonatal-bilirubin-by-using-various-machine
12	Dr.A.R.Bhende	"Development of a Novel Hybrid Method to Evaluate Driving Comfort in an All-terrain Vehicle Using Transfer Path Analysis and Transfer Function Analysis"	Journal: Insight - Non-Destructive Testing and Condition Monitoring,	SCI	Volume 65,	Number 8 pp. 450	8, August 2023,		DOI: https://doi.org/10.1784/insi.2023.65.8.450
13	Prof.Abhranil Banerjee	"Fabrication and Characterization of weld attributes in Hot Gas welding of Alkali treated hybrid Flax Fiber and Pine Cone Fibers reinforced Poly-lactic Acid (PLA) based Biodegradable Polymer"	Journal of Materials Research and Technolog	SCI	27	Pages 272-307	23-Oct	2214-0697	https://doi.org/10.1016/j.jmrt.2023.09.252
14	Dr.M.Ahemad	Development of Machine for Opening and Cleaning of Cotton Fibre in Laboratories,	International Research Journal of Engineering and Technology (IRJET)		10	9	45170	2395-0056	https://www.irjet.net/volume10-issue9.S.No:61
15	Dr.M.Ahemad	Design & development of Insect trapper for selected crops in Vidharbha region	International Research Journal of Engineering and Technology (IRJET)		10	8	45139	2395-0056	https://www.irjet.net/volume10-issue8
16	Manish Bhadke,Rehman, Minhaj .A	Research instrument design for assessment of health and performance of shift workers in foundry industry in central India – a pilot study	International Journal of Human Factors and Ergonomics	Scopus	10(4),	pp. 363–398	Dec-23	2045-7812	https://www.inderscienceonline.com/doi/10.1504/IJHFE.2023.135470
17	Bhadke, M., and Rehman, M.A., S. (2024),	Shift work effect on occupational health and performance of workers in the manufacturing sector	Industrial Engineering Journal	UGC Care	Vol. XVII & Issue No. 02	pp 20-29	February – 2024,	0970-2555	
18	Dr. P. S. Nerkar	Development of Integrated Lean and Green Framework for Small Scale Manufacturing Industry .	Industrial Engineering Journal	UGC Care	Vol. 53, Issue 5, No. 10	128-144	May-24	ISSN:0970-2555	
19	Dr. P. S. Nerkar	Application of Value Stream Mapping (VSM) in Small Scale Furniture Manufacturing Industry	Industrial Engineering Journal	UGC Care	Vol. 53, Issue 4, No. 7	147-153.	Apr-24	ISSN:0970-2555	
20	Dr. P. S. Nerkar	Selection of Welding Method to Join AA6061 Alloy and Comparative Analysis of MIG and FSW	Advancement in Mechanical Engineering and Technology,		6(3)	19–43	Oct-23		https://doi.org/10.5281/zenodo.8401456
21	Dr.M.Ahemad	Addressing transition conflict of green manufacturing to sustainable manufacturing: A drivers-based modeling strategy for improving	Business Strategy and the Environment,	SCI			01-May-24	1099-0836	https://doi.org/10.1002/bse.3816
22	Hema Kale , Yogita Nafde2 Nitin Dhote3	Performance: An Indian experience. Design of Spectral Absorbance-Based Electronic Reader for Chlorophyll Measurement	SSRG International Journal of Electrical and Electronics Engineering	Scopus	Volume 10	Issue 11, 46-55	23-Nov		
23	Prof.Rohan Vaidya and Dr. Deepali Borakhade	An IoT Based Intelligent and Smart Helmet for Bike Riders using Arduino	International Journal of Intelligent Systems and Applications In Engineering	Scopus			24/12/2023		https://ijisae.org/index.php/IJISAE/article/view/4384/3043

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24	Dr. Hema Kale, Dr. Nitin Dhote and Dr. Kirti Vaidya	Development of an Electronic Photo Sensor for Chlorophyll Detection	Journal of Electrical Systems	Scopus/ Web of Science Indexed	20	3	2024		https://doi.org/10.52783/jes.2971
25	Dr. Nitin Dhote , Dr. Hema Kale and Dr. Kirti Vaidya	Design of an Iterative Method for Optimizing Solar Power Systems using Quad LSTM with IoT Integration Operations	Journal of Electrical Systems	Scopus			Accepted		
26	Avinash B Lambat and Dr. R.J. Bhiwani	An Efficient Pre-processing and transfer learning -Based deep-Network for Face Anti-Spoofing	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	Scopus			2024		www.ijisae.org
27	Shiju Samuel, Rohini S. Ochawar, M.S.S. Rukmini	Hybrid deep autoencoder network based adaptive cross guided bilateral filter for motion artifacts correction and denoising from MRI	The Imaging Science Journal	SCI	VOL 72	No:1, 76-91	4/11/2023 (Online Published date)		https://doi.org/10.1080/13682199.2023.2196494
28	Dr. Manoj.V. Bramhe	EVENTO: Web Application for Organising and Managing Events	International Journal of Innovative Research in Computer and Communication Engineering	Peer-Reviewed	12	4	23rd April 2024	2320-9801	DOI:10.15680/IJIRCE.2024.1111001
29	Dr. Manoj.V. Bramhe	Design of Personalized E-Learning with Recommended System	International Journal of Innovative Research in Computer and Communication Engineering	Peer-Reviewed	12	4	23rd April 2024	2320-9801	DOI: 10.15680/IJIRCE.2024.12040174
30	Mrs.Shabana Pathan	An Interactive approach to Healthcare Enhancement through Internet of Things,Artificial Intelligence and Smart city Innovations	Journal of Electrical Systems	Scopus	19	2	Jan-24	1112-5209	DOI: https://doi.org/10.52783/jes.673
31	Mrs.Shabana Pathan	Are AI and Chat Bots Services Effects the Psychology of Users in Banking Services and Financial Sector	Journal for ReAttack Therapy and Development Diversities	Scopus	9	2	7th August 2023	2589-7799	https://jrtdd.com
32	Mrs.Shabana Pathan	An advanced cloud based framework for privacy and security in medical data using cryptographic method	Journal of Discrete Mathematical Sciences & Cryptography	Scopus	26	5	10th Sep 2023	0972-0529	DOI : 10.47974/IJDMSC-1826
33	Mrs.Shabana Pathan	Design an Optimal Decision Tree based Algorithm to Improve Model Prediction Performance	International Journal on Recent and Innovation Trends in Computing and Communication	Scopus	11	6	16th June 2023	2321-8169	DOI: https://doi.org/10.17762/ijritec.v11i16.7295
34	Mrs.Shabana Pathan	Digital Twinning in Metaverse	Journal of Technology	UGC-care	12	5	May-24	1012-3407	
35	Mrs.Shabana Pathan	Comparative Study of Funstional and Object-oriented Paradigms	International Journal of Computer Science Trends and Technology	Peer-Reviewed	12	3	2024	2347-8578	
36	Ms. Priti C. Golar	Are AI and Chat Bots Services Effects the Psychology of Users in Banking Services and Financial Sector	Journal for ReAttack Therapy and Development Diversities	Scopus	9	2	7th August 2023	2589-7799	https://jrtdd.com
37	Ms. Priti C. Golar	Security Analysis of the Graphical Password-Based Authentication Systems with Different Attack Proofs	International Journal of Intelligent Systems and Applications in Engineering	Scopus	11	10S	16th August 2023	2147-6799	https://ijisae.org/index.php/IJISAE/article/view/3242
38	Ms. Priti C. Golar	An Advanced Knowledge Based Graphical Authentication Framework with Guaranteed Confidentiality and Integrity	International Journal on Recent and Innovation Trends in Computing and Communication	Scopus	11	8S	18th August 2023	2321-8169	DOI: https://doi.org/10.17762/ijritec.v11i8s.7676
39	Ms. Priti C. Golar	A Secured Image Based 3 factor User Authentication System	Journal of Statistics and Management Systems	ESCI	27		30th March 2024	0972-0510	DOI: https://doi.org/10.47974/JSMS-1255
41	Mrs.Shubhangi Chawre	Protecting Data in the Cloud Using an Efficient Evolutionary Algorithm and a Non-Commutative Encryption Method	International Journal of Intelligent system and applications in Engineering	Scopus	12	20S	24th March 2024	2147-6799	https://ijisae.org/index.php/IJISAE/article/view/5113
42	Mrs.Shubhangi Chawre	Virtual Event Platform: A Comprehensive Review of Design and Development Approach	International Journal of Innovative Research in Computer and Communication Engineering	Peer-Reviewed	12	5	May-24	2320-9801	DOI:10.15680/IJIRCE.2024.1205167
43	Mr.Jagdish Pimple	Elevating Security Measures in Cyber-Physical Systems: Deep Neural Network-Based Anomaly Detection with Ethereum Blockchain for Enhanced Data Integrity	Journal of Electrical Systems	Scopus	19	2	Jan-24	1112-5209	https://journal.esrgroups.org/jes/article/view/696/718
44	Mr.Jagdish Pimple	VisionDrive: Smart Traffic Analysis with YOLOv7 and DeepSORT	International Scientific Journal of Engineering and Management	Peer Reviewed	3	4	Apr-24	2583-6129	file:///C:/Users/Admin/Downloads/VisionDrive.pdf
45	Mr.Jagdish Pimple	Decentralized Brain Tumor Detection: Leveraging Federated Learning & CNN for Enhanced Accuracy and Privacy-A Review	International Journal of Innovations in Engineering and Science	Peer Reviewed	9	3	May-24	2456-3463	https://www.ijes.net/final-docs/final-pdf/150524936.pdf
46	Mr.Shankar Gadhave	Design and Development of Travel and Itinerary Planner	International Journal of Innovative Research in Computer and Communication Engineering	Peer Reviewed	12	5	May-24	2320-9801	https://ijirce.com/admin/main/storage/app/pdf/MrsLBEOiBkcValV0ILsLJ2QPCx38sUsqaBBkOV5h.pdf
47	Mr.Shankar Gadhave	Improving Transalation Quality Via Fine Tuned lanugage Models	International Journal of Innovative Research in Computer and Communication Engineering	Peer Reviewed	12	5	May-24	2320-9801	https://ijirce.com/admin/main/storage/app/pdf/NoE2pM7zjXy9EdN1ozogL7pFcMK4C2iJUSwglrX.pdf
48	Dr. Nitin K Dhote	IoT Based Smart Glasses with Facial Recognition for People with Visual Impairments	SSRG International Journal of Electrical and Electronics Engineering	Scopus	Volume 10	Issue 9	Sep-23	: 2348-8379	https://doi.org/10.14445/23488379/IJEEE-V10I9P114
49	Dr. Nitin K Dhote	Design of Spectral Absrbance -based Electronic Reader for Chlorophyll Measureemnt	SSRG International Journal of Electrical and Electronics Engineering	Scopus	Vol 10	Issue 11	Nov-23	: 2348-8379	https://doi.org/10.14445/23488379/IJEEE-V10I11P105
50	Dr. Jyoti Rothe	Enhanced Classification of Diabetic Retinopathy via Vessel Segmentation: A Deep Ensemble Learning Approach	Ingénierie des Systèmes d'Information	Scopus	Vol. 28	5	Oct-23	2116-7125	https://doi.org/10.18280/isi.280526

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51	Dr. Nitin K Dhote	Performance analysis and improvement of a high-efficiency DCMLI based PMSM drive for electric vehicle using AVR microcontroller	International Journal of Vehicle Noise and Vibrations	Scopus	Vol 19	03-Apr	Jan-24	1479-1471	https://doi.org/10.1504/IJNVY.2023.136060
52	Dr. Nitin K Dhote	Development of an Electronic Photo Sensor for Chlorophyll Detection	Journal of Electrical Systems	Scopus & WoS	Vo. 20	3	May-24	1112-5209	https://doi.org/10.52783/jes.2971
53	Dr. Dinesh Wankhede	Generation Of Electricity And Hydrogen From Wastewater Using Photo Fuel Cell- A Review	China Petroleum Processing and Petrochemical Technology	Scopus	23	2	Sep-23	.	https://zgsyigvshgjs.cn/index.php/eric/article/view/2-631.html
54	Mr. Dushyant Khadse	Power Quality Improvement with PV and Grid Hybrid System by using Filter Device	International Journal of Innovations in Engineering & Science		9	5	Jul-24	2456-3463	http://www.ijies.net/finial-docs/finial-pdf/2606249520.pdf
55	Dr. Nitin K Dhote	Design of an Iterative Method for Optimizing Solar Power Systems using Quad LSTM with IoT Integration Operations	Journal of Electrical Systems	Scopus & WoS	20	6	May-24	1112-5209	https://doi.org/10.52783/jes.3290
56	Dr. Suchita Nimbalkar	Synthesis, Characterization and Antibacterial Activity of Chalcone Derivatives	Journal of Modern Chemistry & Chemical Technology	UGC Care Journal	Volume 14,	Issue 2	Oct-23	ISSN: 2229-6999 (Online) ISSN: 2221-5208	https://sciencejournals.stmjournals.in/index.php/JoMCCT/article/view/3724
57	Dr. Shakuntala Vishnu Yadav.	Speaking Skills Help in Propagating a Message Effectually"	European Economic Letters, ISSN 2323-5233						https://doi.org/10.52783/eel.v13i3.601 http://eelet.org.uk
58	Dr. Shakuntala Vishnu Yadav.	Listening Skill A Significant Part for Efficacious Coherent Speech	European Economic Letters, ISSN 2323-5233						https://doi.org/10.52783/eel.v13i3.60 http://eelet.org.uk ,
60	Indrajeet Varhadpande, V. R. K. Murthy	Caputo- Fabrizio Fractional Order Response In Thermoelastic Thick Circular Plate with Heat source	European Chemical Bulletin						doi: 10.48047/ecb/2023.12.si5a.04572023.06/07/2023
61	Chetan S. Deshpande	PREDICTION OF ENVIRONMENTAL IMPACTS THROUGH ARTIFICIAL INTELLIGENCE TECHNIQUES	MATERIAL SCIENCE AND TECHNOLOGY	Scopus	23	1	Jan-24		10.10543/0299.2024 .
62	Akash A. Kaley	Utilization Of Waste Molding Sand And Marble Powder For The Buildout Of Concrete	NeuroQuantology	Scopus	20	17	Nov-24		10.48047/NQ.2022.20.17.NQ880249