Faculty Publications (2023-2024) Sem 1

Sr. No.	Title of Paper with ISSN	Name of Journal/ Conference	Publication Month-Year	Impact Factor	Publication Link
		Department of Instrumentation Engineering			
		Name of Faculty: Dr. Shinde Amita Anirudhe			
1	Conditional reiterative High- Fidelity GAN inversion for image editing (0031-3203)	Pattern Recognition	27/10/2023	8	https://www.sciencedirect.com/science/article/abs/pii/S0031320323007653
		Department of Information Technology			
		Name of Faculty: Dr. Meenakshi Thalor			
2	Web Based Cardiac Arrhythmia Classification System Using ECG Data Analysis and Machine Learning ISSN 2147-6799	International Journal of Intelligent Systems and Applications in Engineering	July 2023	1.4	https://ijisae.org/index.php/IJISAE/article/view/3371
3	AI in Healthcare 5.0: Opportunities & Challenges Issn-2582-5208	International Research Journal of Modernization in Engineering Technology and Science	Nov. 23	6.7	https://www.irjmets.com/uploadedfiles/paper//issue_11_november_2023/45942/final/fin_irjmets1699102521.pdf
4	House Price prediction using machine learning ISSN-2455-2143	International Journal of Engineering Applied Sciences and Technology (IJEAST)	Aug. 2023	4.982	https://www.ijeast.com/papers/146-148,%20Tesma0804.pdf
5	A proposed healthcare architecture using cloud computing in WSN environment with a case study ISSN:2581 - 7175	International Journal of Scientific Research and engineering Development (IJSRED)	Nov.2023	5.49	http://www.ijsred.com/volume6/issue6/IJSRED-V6I6P46.pdf
		Name of Faculty: Mrs.P.P.Mahale			
6	Smart Image Steganography using Secret Key ISSN: 2320-2882	International Journal of Creative Research Thoughts	July 2023	7.97	http://ijcrt.org/viewfull.php?&p_id=IJCRT2307377
		Name of Faculty: Mrs. A. S. Phapale			
7	Crude Oil Cost Forecasting using Variants of Recurrent Neural Network ISSN: 2321-8169	International Journal on Recent and Innovation Trends in Computing and Communication	August 2023	8.118	https://ijritcc.org/index.php/ijritcc/article/view/7454/6242

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Department of Computer Engineering					
Name of Faculty: Dr. S. N. Zaware					
8	Crude Oil Cost Forecasting using Variants of Recurrent Neural Network ISSN N 2321-8169	International Journal on Recent and Innovation Trends in Computing and Communication	July :2023	-	https://ijritcc.org/index.php/ijritcc/article/view/7454(https://doi.org/10.17762/ijritcc.v11i9s.7454)
9	Optimization Of Supply Chain System Using ML Algorithms ISSN-No:0970-2555	Industrial Engineering Journal	Aug 2023	-	http://www.journal-iiie-india.com/1_aug_23.html
Name of Faculty: Dr. K. S. Wagh					
10	An Operative Approach for Effective Segmentation of Retinal Blood Vessels Based on Multilevel DNN ISSN: 2147-6799	Intelligent Systems And Applications In Engineering	July 2023	-	https://ijisae.org/index.php/IJISAE/article/view/3054/1635
11	Benefits of Coalition Game Theory over Bargain Game Theory to Resolve the Problems of Spectrum Sensing in Cognitive Radio Network ISSN 2231-5381	International Journal of Engineering Trends and Technology	November 2023	-	https://ijettjournal.org/Volume-71/Issue-11/IJETT-V71I11P214.pdf
12	Customer Churn Prediction in Telecom Sector Using Machine Learning Technique ISSN: 2666-7207	Results in Control and Optimization	Nov. 2023	-	https://www.sciencedirect.com/science/article/pii/S2666720723001443
Name of Faculty: S. P. Pimpalkar					
13	Crude Oil Cost Forecasting using Variants of Recurrent Neural Network ISSN N 2321-8169	International Journal on Recent and Innovation Trends in Computing and Communication	July :2023	-	https://ijritcc.org/index.php/ijritcc/article/view/7454(https://doi.org/10.17762/ijritcc.v11i9s.7454)
Name of Faculty: Mrs. P. S. Gaikwad					
14	Prediction of Compressive Strength of High Strength Concrete using Artificial Intelligence and Machine Learning Techniques ISSN: 1743-2847	Material Science and Technology (MST)	Oct 2023	2.06	

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		Name of Faculty: Mrs. A. G. Said			
15	DQLRFMG: Design of an Augmented Fusion of Deep Q Learning with Logistic Regression and Deep Forests for Multivariate Classification and Grading of Fruits ISSN:2321-8189	International Journal on Recent and Innovation Trends in Computing and Communication	July 2023	-	https://doi.org/10.17762/ijritc c.v11i7.7937
		Name of Faculty: Mr. P. S. Sadaphule			
16	SecureCert: An Innovative Approach for Academic Certificate Issuance and Verification using Blockchain ISSN 0971-3034	The Indian Journal of Technical Education	July 2023	-	Special issue July 2023 web.pdf (isteonline.in)
17	Substituting Context based Synonyms using BERT: A Review ISSN 0971-3034	The Indian Journal of Technical Education	July 2023	-	Special issue July 2023 web.pdf (isteonline.in)
		Name of Faculty: Dr. A. S. Chavan			
18	Intelligent Driverless Delivery Solutions Using Recent Ai Technology ISSN: 2147-6799	Intelligent Systems And Applications In Engineering	July 23	-	https://ijisae.org/index.php/IJI SAE/article/view/3110
19	Advancing Air Quality Prediction in Specific Cities Using Machine Learning ISSN: 2147-6799	Intelligent Systems And Applications In Engineering	Aug 23	-	https://ijisae.org/index.php/IJI SAE/article/view/3474
20	A Drug Pill Recognition System for Visually Impaired People with Voice Assistant ISSN: 2147-6799	Intelligent Systems And Applications In Engineering	Dec 23	-	https://ijisae.org/index.php/IJI SAE/article/view/4218
21	Web Based Cardiac Arrhythmia Classification System Using ECG Data Analysis and Machine Learning ISSN: 2147-6799	Intelligent Systems And Applications In Engineering	July 23	-	https://ijisae.org/index.php/IJI SAE/article/view/3371

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		Name of Faculty: Mr. Sugat Pawar			
22	Enhancing Gastric Cancer Lymph Node Detection through DL Analysis of CT Images: A Novel Approach for Improved Diagnosis and Treatment	International Journal of Electrical and Electronics Research	30th June 2023	3.7	https://ijeer.forexjournal.co.in /archive/volume-11/ijeer-110245.html
		Name of Faculty: Mrs. Shraddha B. Toney			
23	Evaluation of human seated posture exposure to low-frequency vibrations using biodynamic model	International Journal of Vehicle Safety	March 15, 2023	-	https://doi.org/10.1504/IJVS. 2022.129624
		Name of Faculty: Dr. Chetan N. Aher			
24	Crude Oil Cost Forecasting using Variants of Recurrent Neural Network ISSN N 2321-8169	International Journal on Recent and Innovation Trends in Computing and Communication	July :2023	-	https://ijritcc.org/index.php/ijr itcc/article/view/7454(https:// doi.org/10.17762/ijritcc.v11i9 s.7454)
25	Performance Estimation and Validation of Spectrum Allocation for Multi User CRN	SSRG International Journal of Electronics and Communication Engineering	November 2023	-	https://www.internationaljour nalssrg.org/IJECE/2023/Volu me10-Issue11/IJECE-V10I11P101.pdf (DOI: https://doi.org/10.14445/2348 8549/IJECE-V10I11P101
26	EnhancingHeartDiseas eDetectionUsingPoliti calDeerHuntingOptimi zation-BasedDeepQ-NetworkwithHighAcc uracyandSensitivity	Med informatics	October2023	-	http://ojs.bonviewpress.com/i ndex.php/MEDIN/article/vie w/1377/671 (DOI: https://doi.org/10.47852/bonv iewMEDIN32021377
		Name of Faculty: Mrs. N. S. Patil			
27	Movie Success Prediction System using Machine Learning ISSN No.:2395-5295 (Online) 2395-5287	Grenze International Journal of Engineering and Technology		-	
28	Machine Learning Based Prediction of Health Hazards Caused By Steroid Consumption ISSN:1001- 4977	Foundry Journal Vol. 26, Iss. 9	October 2023	-	https://foundryjournal.net/wp-content/uploads/2023/09/11.F J23C230.pdf
29	Football player	International journal	Aug. 2023	-	https://www.ijcrt.org/papers/I

	posture detection using logistic regression ISSN:2320- 2882	of creative research thoughts (IJCRT)			JCRT2308665.pdf
Department of Artificial Intelligence & Data Science				
Name of Faculty: Dr. Suresh Limkar				
30	Cross-Domain Analysis of ML and DL: Evaluating their Impact in Diverse Domains	International Journal of Intelligent Systems and Applications in Engineering	June 2023		https://ijisae.org/index.php/IJISAE/article/view/2951
31	A mechanism to ensure identity-based anonymity and authentication for IoT infrastructure using cryptography	Journal of Discrete Mathematical Sciences & Cryptography	September 2023		https://tarupublications.com/doi/10.47974/JDMSC-1827
32	IoT Based Machine Learning Weather Monitoring and Prediction Using WSN	International Journal on Recent and Innovation Trends in Computing and Communication	September 2023		https://ijritcc.org/index.php/ijritcc/article/view/7990
33	Globalization and Public Health: An Examination of Cross-Border Health Issues	South Eastern European Journal Of Public Health	December 2023		https://seejph.com/index.php/seejph/article/view/450/362
34	Enhancing Security in Internet of Healthcare Application using Secure Convolutional Neural Network	International Journal on Recent and Innovation Trends in Computing and Communication	August 2023		https://ijritcc.org/index.php/ijritcc/article/view/7991
35	Secure group key agreement protocol with elliptic curve secret sharing for authentication in distributed environments	Journal of Discrete Mathematical Sciences & Cryptography	September 2023		https://tarupublications.com/doi/10.47974/JDMSC-1825
36	Leveraging Machine Learning for Privacy Preservation in the Internet of Things	International Journal of Intelligent Systems and Applications in Engineering	July 2023		https://ijisae.org/index.php/IJISAE/article/view/3498
37	Prediction of Heart Disease Using Deep Learning and Internet of Medical Things	International Journal of Intelligent Systems and Applications in Engineering	August 2023		https://ijisae.org/index.php/IJISAE/article/view/3488
Name of Faculty: Dr. R. B. Dhumale				
38	Fuzzy Logic Diagnostics for Open-	International Journal of Intelligent Systems	25th May 2023		Fuzzy Logic Diagnostics for Open-Circuit Faults in

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	Circuit Faults in Renewable Energy Voltage Source Inverters with Changeable Load Conditions ISSN:2147-67992	and Applications in Engineering (IJISAE)			Renewable Energy Voltage Source Inverters with Changeable Load Conditions | International Journal of Intelligent Systems and Applications in Engineering (ijisae.org)
39	Transfer and Ensemble Approach for Breast Cancer Detection and Classification Using Deep Learning ISSN: 2321-8169	International Journal on Recent and Innovation Trends in Computing and Communication	August-2023		Transfer and Ensemble Approach for Breast Cancer Detection and Classification Using Deep Learning | International Journal on Recent and Innovation Trends in Computing and Communication (ijritcc.org)
40	Automatic Segmentation Using U-Net for Accurate Liver Segmentation of CT Images	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	21.09.2023	1.4	https://ijisae.org/index.php/IJISAE/article/view/3542
41	The Impact of Generative Content on Individuals Privacy and Ethical Concerns	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	03.09.2023	1.4	https://ijisae.org/index.php/IJISAE/article/view/3503
42	Web Based Cardiac Arrhythmia Classification System Using ECG Data Analysis and Machine Learning	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	16.07.2023	1.4	https://ijisae.org/index.php/IJISAE/article/view/3371
43	Fuzzy Internet of Things-based water irrigation system	AgricEngInt: CIGR Journal	June 2023	-	http://www.cigrjournal.org
Name of Faculty: Mrs. Mayura Shelke					
44	Transformative Trends in Generative AI: Harnessing Large Language Models for Natural Language Understanding and Generation ISSN:2147-6799	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	November-2023		Transformative Trends in Generative AI: Harnessing Large Language Models for Natural Language Understanding and Generation | International Journal of Intelligent Systems and Applications in Engineering (ijisae.org)
45	Transfer and Ensemble Approach for Breast Cancer Detection and Classification Using Deep Learning ISSN: 2321-8169	International Journal on Recent and Innovation Trends in Computing and Communication	August-2023		Transfer and Ensemble Approach for Breast Cancer Detection and Classification Using Deep Learning | International Journal on Recent and Innovation Trends in Computing and Communication (ijritcc.org)
46	Enhanced	International	October-2023		Enhanced Classification of

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	Classification of Diabetic Retinopathy via Vessel Segmentation: A Deep Ensemble Learning Approach ISSN: 1633-1311 (print); 2116-7125 (online)	Information and Engineering Technology Association (IIETA)			Diabetic Retinopathy via Vessel Segmentation: A Deep Ensemble Learning Approach | IIETA
47	Fuzzy Logic Diagnostics for Open-Circuit Faults in Renewable Energy Voltage Source Inverters with Changeable Load Conditions ISSN:2147-67992	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	October-2023		Fuzzy Logic Diagnostics for Open-Circuit Faults in Renewable Energy Voltage Source Inverters with Changeable Load Conditions | International Journal of Intelligent Systems and Applications in Engineering (ijisae.org)
Name of Faculty: Dr. S. A. Panwar				
48	KNN-Based ML Model for the Symbol Prediction in TCM Trellis Coded Modulation TCM Decoder ISSN: 2321-8169	International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169	May, 2023		https://ijritcc.org/index.php/ijritcc/article/view/7475/6262
49	Combined weighted feature extraction and deep learning approach for chronic obstructive pulmonary disease classification using electromyography	Combined weighted feature extraction and deep learning approach for chronic obstructive pulmonary disease classification using electromyography	October - 2023		https://link.springer.com/article/10.1007/s41870-023-01498-y
50	A Systematic Review of the Future of Education in Perspective of Block Chain	Journal of Mobile Multimedia	August -2023		https://journals.riverpublishers.com/index.php/JMM/article/view/20919
Name of Faculty: Mrs.Sayali Belhe				
51	Cloud Computing For Effective Cyber Security Attack Detection in Smart Cities	Global Conference for Advancement in Technology (GCAT)	15.9.2023		https://ieeexplore.ieee.org/document/10353545/metrics#metrics
Name of Faculty: Ms. Swati Kadu				
52	Cloud Computing For Effective Cyber Security Attack Detection in Smart Cities	Global Conference for Advancement in Technology (GCAT)	15.9.2023		https://ieeexplore.ieee.org/document/10353545/metrics#metrics

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		Name of Faculty: Mr. S. D. Kale			
53	Exercise Movement Detection Using Spearman Correlation-based Sliding Window Technique	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	24.09.2023	1.4	https://ijisae.org/index.php/IJISAE/article/view/3558
		Department of Electronics & Telecommunication Engineering			
		Name of Faculty: Deepali Yewale			
54	An Effective Heart Disease Prediction Framework based on Ensemble Techniques in Machine Learning ISSN: 2158-107X	International Journal of Advanced Computer Science andApplications	Feb 2023	2.1	https://thesai.org/Downloads/Volume14No2/Paper_23-An_Effective_Heart_Disease_Prediction_Framework.pdf
		Name of Faculty: Venkat Ghodke			
55	Deep Learning Based Healthcare Method for Effective Heart Disease Prediction	EAI Endorsed Transactions on Pervasive Health and Technology	October 2023	1.28	https://publications.eai.eu/index.php/phat/article/view/4283/2653
		Name of Faculty: Mr. R. N. Jadhav			
56	Automatic Health Care Monitoring System using Raspberry PI	International Research Journal of Modernization in Engineering Technology and Science	August 2023	7.868	https://www.irjmets.com/uploadedfiles/paper/issue_8_august_2023/43770/final/fin_irjmets1691495214.pdf
		Name of Faculty: Dr. V. K. Bairagi			
57	Integration of Timbrel, Cepstral Domain and Linear Prediction-Based Features for Replay Attack Detection	SSRG International Journal of Electrical and Electronics Engineering	October 2023	-	https://www.internationaljournalssrg.org/IJEEE/2023/Volume10-Issue10/IJEEE-V10I10P112.pdf
58	Automated COVID-19 Detection from Exhaled Human Breath Using CNN-CatBoost Ensemble Model	IEEE Sensors Letters	September 2023	2.8	https://ieeexplore.ieee.org/abstract/document/10262293
59	Automated Detection of Diabetes from Exhaled Human Breath Using Deep Hybrid Architecture	IEEE Access	May 2023	3.9	https://ieeexplore.ieee.org/abstract/document/10129262
60	Early diagnosis of Alzheimer disease using EEG signals: the role of pre-processing	International Journal of Biomedical Engineering and Technology	May 2023	-	https://www.inderscienceonline.com/doi/abs/10.1504/IJBET.2023.130834
61	A Hybrid Model by Combining Discrete	International Journal of Advanced	Jan 2023	-	https://thesai.org/Downloads/Volume14No1/Paper_86-

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	Title	Journal	Date	IF	Link
	Cosine Transform and Deep Learning for Children Fingerprint Identification	Computer Science and Applications,			A_Hybrid_Model_by_Combining_Discrete_Cosine_Transform.pdf
Name of Faculty: Dr. Vineeta Philip				
62	Resource Allocation Challenges and Strategies for RF-Energy Harvesting Networks Supporting QoS	IJRITCC	May 2023	-	https://doi.org/10.17762/ijritcc.v11i7s.6990
	Name of Faculty: Dr. Shobha Nikam				
63	Fuzzy Internet of Things-based water irrigation system	AgricEngInt: CIGR Journal	June 2023	-	http://www.cigrjournal.org
64	Computer-aided automated detection of kidney disease using supervised learning technique	International Journal of Electrical and Computer Engineering (IJECE)	October 2023	-	https://ijece.iaescore.com/index.php/IJECE/article/view/31908
65	Image segmentation in Diagnosing the Ground Bud Necrosis Virus in Tomatoes using K-Means Clustering	International Journal of Electrical and Electronics Research (IJEER)	July 2023	-	https://ijeer.forexjournal.co.in/archive/volume-11/ijeer-110306.html
	Name of Faculty: Dr. Mohini Sardey				
66	Combined weighted feature extraction and deep learning approach for chronic obstructive pulmonary disease classifcation using electromyography	Int. j. inf. Tecnol, Springer	October 2023	-	https://doi.org/10.1007/s41870-023-01498-y
67	Design and Implementation of 85dB CMRR, 4.2 MHz CMOS Instrumentation Amplifier for Bio-Electric Signals	SSRG International Journal of Electrical and Electronics Engineering	August 2023	-	https://doi.org/10.14445/23488379/IJEEE-V10I8P119
	Electrical Engineering Department				
	Name of Faculty: Dr. S. M. Bakre				
68	Efficient Fault Detection and Location in Extra High Voltage Networks: An Artificial Neural Network (ANN)-Based Approach	International Journal Of Intelligent Systems And Applications In Engineering	July 2023	1.74	https://ijisae.org/index.php/IJISAE/article/view/3364/1951

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	2147-6799				
69	Revolutionizing Fault Detection: A Neural Network Approach for Transmission Lines 2147-6799	International Journal Of Intelligent Systems And Applications In Engineering	2023	1.74	https://ijisae.org/index.php/IJISAE/article/view/4320/2971
Name of Faculty: Mr. S. S. Shingare				
70	Efficient Fault Detection and Location in Extra High Voltage Networks: An Artificial Neural Network (ANN)-Based Approach 2147-6799	International Journal Of Intelligent Systems And Applications In Engineering	July 2023	1.74	https://ijisae.org/index.php/IJISAE/article/view/3364/1951
71	Revolutionizing Fault Detection: A Neural Network Approach for Transmission Lines 2147-6799	International Journal Of Intelligent Systems And Applications In Engineering	2023	1.74	https://ijisae.org/index.php/IJISAE/article/view/4320/2971
Name of Faculty: Mr. V. S. Kamble				
72	An Effective Transportation System Method for Optimal Path Planning Using Logistics UAVs Using Deep Q Networks 2147-6799	International Journal of Intelligent Systems And Applications In Engineering	2023	1.74	https://ijisae.org/index.php/IJISAE/article/view/3132/1713
73	Fire Fighting Robot E-ISSN 2348-1269, P- ISSN 2349-5138	International Journal of Research and Analytical Reviews (IJRAR)	September 2023	5.75	http://ijrar.org/viewfull.php?&p_id=IJRAR19S1301
74	Review On LoRaWan Technology-based Irrigation system ISSN-2349-5162	Journal of Emerging Technologies and Innovative Research (JETIR)	August 2023	7.95	https://www.jetir.org/papers/JETIR2308464.pdf
75	Implementation of Optimization Algorithms for the Creation of a Real-Time Coordination System for Overcurrent Relays 2147-6799	International Journal of Intelligent Systems and Applications in Engineering	2023	1.74	https://ijisae.org/index.php/IJISAE/article/view/4284/2933
Department of Engineering Sciences				
Name of Faculty: Mr. Nitin Prakashrao Bhone				
76	Optimization of	Journal of proposal	December	0.32	https://www.propulsiontechj

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	turning process for surface quality improvement of hard AISI M7 tool steel	Technology,	2023		ournal.com/index.php/journal/issue/view/24
	Name of Faculty: Mr. Prashant G. Mahajan				
77	Use of peel-based activated carbon in wastewater treatment: a study of patents	International Journal of Intellectual Property Management	January 2024	-	10.1504/IJIPM.2022.10048570