



Department of Computer Engineering
R&D Data 2023-24

Publications (Journal): Academic Year (July 2023 - June 2024)

Sr. No.	Name Authors	Title of paper	Name of Journal	National/ International	ISSN No.	Vol/ Issue No.	Page No.	Date/ Year	Indexing Scopus/ SCI/SCIE/ WoS /UGC Approved/ Other	Impact factor (SJR/JCR)
1.	Kuldeep Hule Rekha Ranawat	Analysis of Different ORM Tools for Data Access Object Tier Generation:A Brief Study	International Journal of Membrane Science & Technology	International	2410-1869	Vol-10 Issue-1	1277-1219	July 2023	Scopus	0.14
2.	Kuldeep Hule P R Sonawane Asha Sathe Sharayu Lokhande Yogita Hambir M B Lonare	Crop Diseases Identification Using Deep Learning in Application	Journal of Advanced Zoology	National	0253-7214	Volume 44 Issue S-2 Year 2023	3092:310 2	Oct 2023	WOS	0.101
3.	N K Bansode Vipin Kumar Yadav Risabh Rai Uday Bhanu Bose Vivek Tiwari	A Survey on AI-Based Clothing Recommendation for Try Before Buy	Journal for Basic Science	International	1006-8341	Volume 23 Issue 10	577-594	Oct 2023	Scopus	6.1
4.	Prof Sushama Shirke Divya Pratap Singh Raj Singh Tushar Singh Manish Kalyan	AI Based Mock Interviewer with Question, Answer & Feedback	SJIS-P	International	-	Vol-35 Issue-3	630-647	Nov 2023	-	-



ARMY INSTITUTE OF TECHNOLOGY
Dighi Hills, Alandi Road, Pune 411015



5.	Prof Sushama Shirke Manish Bishnoi Mohammad Ashraf Naveen Jahjhriya Rupender	LipRead:An Empirical Examination of Lip-Reading Patterns in Sentence Cmprehnsion	SJIS-P	International	-	Volume 35 Issue-3	671-690	Nov 2023	-	-
6.	Prof Rushali Patil Karthik C Kallur Manish Yadav Himanshu Gaupale Harmanpreet Singh	Content Indexing with Automatic Image Captioning using Contetual Information Fusion	SJIS-P	International	-	Volume 35 Issue 3	658-665	Nov 2023	-	-
7.	Mustafa Shaikh Pranay Sinha Pulimaddi Venkata Chetana Ajay Rahul P Rushali Patil	Weed Detection Using Image Processing	SJIS-P	International	-	Volume 35 Issue 3	666-670	Nov 2023	-	-
8.	Sita Yadav Sandeep Chaware	CPW Optimization a Novel Optimization Algorithm to Improve Classification of Objects in Video Content Detection	International Journal of Intelligent System & Applications In Engineering	International	2147-6799	Volume 12 Issue 6S	835-839	Nov 2023	Scopus	0.209
9.	Sita Yadav Sandeep Chaware	Detection and Classification of Objects in Video Content Analysis Using Ensemble Convolutional Neural Network Model	International Journal of Image and Graphics	International	1793-6756	-	-	Nov 2023	Scopus	0.8
10.	Aparna Joshi Rupali Bagate Yogita Hambir Ashwini	System for Detection of Specific Learning	International Journal of INTELLIGENT	International	2147-6799	Volume 12 Issue 9S	362-368	Jan 2024	Scopus	0.209



ARMY INSTITUTE OF TECHNOLOGY
Dighi Hills, Alandi Road, Pune 411015



	Sapkal Nilesh P. Sable Maresh Lonare	Disabilities Based on Assessment	SYSTEMS AND APPLICATIONS IN ENGINEERING							
11.	Prof. Asha P Sathe Dheeraj Bisht Himanshu Pawar Nisha Robin	A Comprehensive Study On Criminal Recognition in Law Enforcement	Journal For Basic Sciences	International	1006-8341	Volume 24, Issue 1,	405-411	Jan-2024	Scopus	6.1
12.	Yogita Hambir Reshul Rawat Rahul Singh Nagarkoti Shubham Kadam Arun Kumar	Intrusion Detection and Prevention for Cyber Physical Systems using Deep Learning	Journal For Basic Sciences	International	1006-8341	Volume 24, Issue 1,	405-411	Jan-2024	Scopus	6.1
13.	Nilesh Uke Sharayu Lokhande Preeti Kale Shilpa Pawar Aparna Junnarkar Sulbha Yadav Swapna Bhavsar Hemant Mahajan	Distributed privacy preservation for online social network using flexible clustering and whale optimization algorithm	Cluster Computing Springer	International	1386-7857	Volume 27	5995–6012,	19 Feb 2024	Scopus	3.6
14.	Dr. C. Sasikala, P. Srilatha Shaik Khaleelullah Ch. Ravindra Anup Kadam Dr. K. Gurnadha Gupta	Integration of IoT and DNN Model to Support the Precision Crop	International Journal of Intelligent Systems And Applications In Engineering	International	2147-6799	Volume 12 Issue 16s	408-416	Feb 2024	Scopus	0.209
15.	Hariom Pradeep Joshi Abhay Kumar Pankaj Kumar Dr. S.R. Dhore	On screen time estimator of person using deep learning	Journal For Basic Sciences	International	1006-8341	Volume 24, Issue 2	245-253	Feb-2024	Scopus	6.1



ARMY INSTITUTE OF TECHNOLOGY
Dighi Hills, Alandi Road, Pune 411015



16.	N K Bansode Govind Guleria Hemant Gurjar Sahil Yogendra Singh	Enhancing STEM Learning with Immersive Environments: A Survey of Personalization Algorithms	Bulletin for Technology & History	International	0391-6715	Volume 24 Issue 4	39-56	April 2024	Scopus	0.156
17.	Nikita Singhal Rupali Bagate Devansh Bhadauria Shivanshu Singh Vidushi Singh Yogesh	Masked Statement Classification in Conversational Text	Journal of Electrical Systems	International	1112-5209	Volume 20 Issue 2S	443-456	April 2024	Scopus	0.167
18.	Kuldeep Hule Sahil Shaikh Mahesh Bhosle Abhishek Rana Harshit Singh	Beyond Likes:A Multilingual Sentiment Classifier for User Comments on youTube	Journal for Basic Sciences	International	1006-8341	Volume 24 Issue 5	592-605	May 2024	Scopus	6.1
19.	Nikita Singhal Parval Pratap Singh Nikhil Singh Mahipal Singh Harsimrat Singh	Text to Video using GANs & Diffusion Models	Jordanian Journal of Computers & Information Technology	International	2413-9351	Volume 10 Issue 02	198-213	June 2024	Scopus and ESCI Indexed	0.284



ARMY INSTITUTE OF TECHNOLOGY
Dighi Hills, Alandi Road, Pune 411015



Department of Computer Engineering

Publications (Conference): Academic Year (July 2023 - June 2024)

Sr. No.	Name Authors	Title of paper	Name of Conference	Local level/State Level/National/ International	ISSN	Page No.	Date/Year of Conference	Indexing if any
1.	Sita Yadav	Performance Analysis of Stochastic Gradient Descent & Adaptive Moment Estimation Optimazion Algorithms for CNN	International Conferences on Multidisciplinary Research & Innovations in Engineering(MRIE)	International			July 2023	
2.	Sharayu Lokahnde Rakesh Tholia Mukul Upadhyay Sachin Choudhary Kuldeep Rathore Shilpa Pawar	Recommendation System for Research Grants	7 th International Conference on Computing, Communication ,Control & Automation (IEEE)	International	2771-1358		Aug 2023	IEEE
3.	Vaishali Ganganwar Syed Iarshed Hussain Ankur Powar Shushant Gaur Amit Kumar	Using Website Content for Detecting Phishing Urls:A Novel Approach	2 nd International Conference on Advances in Data-driven Computing & Intelligent System 2023	International		87-102	Sept 2023	Springer
4.	Vaishali Ganganwar Prashant Rajput N Bhavana Swapnil Sinha Ashna Vaid	Camoveil: Digital Camouflage Pattern Genration System	2 nd International Conference on Advances in Data-driven Computing & Intelligent System 2023	International			Sept 2023	
5.	Nikita Singhal Anuranjan Kumar Pandey Ankit Kumar	Aerodetect: Real-Time Small Object Detection in Aerial Images	2 nd International Conference on Advances in Data-driven Computing & Intelligent Systems(ADCIS 2023)				Sept 2023	



ARMY INSTITUTE OF TECHNOLOGY
Dighi Hills, Alandi Road, Pune 411015



6.	Vaishali Ganganwar Syed Iarshed Hussain Ankur Powar Shushant Gaur Amit Kumar	Survey of Techniques for Phising Url Detection: Approaches Challenges & Advances	1 st International Conference on Artificial Intelligence Advanced Materials & Mechatronics Systems	International			Nov-2023	
7.	Vaishali Ganganwar Prashant Rajput N Bhavana Swapnil Sinha Ashna Vaid	Digital Camouflage Generation: A Survet of Recent Techniques	1 st International Conference on Artificial Intelligence Advanced Materials & Mechatronics Systems	International			Nov-2023	
8.	Nikita Singhal Krishna Hirve Madhukar Yadav Navneet Das Nikhil Yadav	Advances In Automatic Question Genration :A Review	1 st International Conference on Artificial Intelligence Advanced Materials & Mechatronics Systems	International			Nov-2023	
9.	Dr. Vaishali Ganganwar Divyanshu Gupta Vinay Kumar Singh Jayanth Abhishek Thakur	GPT & its Ability to Tell Stories- A Study	5 th World Conference on Artificial Intelligence: Advances & Applications(WCAIAA)	International			Feb 2024	
10	Dr. Vaishali Ganganwar Manvainer Mohit Singh Priyank Patil Saurabh Joshi	Sarcasm & Humor Detection in Code-Mixed Hindi Data : A Survey	International Conferences on Computing & Machine Learning(CML2024)	International			March 2024	
11.	Sita Yadav	Ensemble Model Object Detection Versus State-of The Art Approaches in Performance	3 rd International Conference for Innovation in Technology	International			March 2024	



ARMY INSTITUTE OF TECHNOLOGY
Dighi Hills, Alandi Road, Pune 411015



12.	Sita Yadav Ritika Pandey Abhijit Singh Megha Kumari Aniket Namdev Digole	A Machine Learning-Driven Approach for Early Leaf Disease Detection & Classification : A Survey	5 th International Conference on Recent Trends in Machine Learning IOT, Smart Cities & Applications	International			March 2024	
13.	Anup Kadam	Noval Approach using Image detection to identify diseases in fruit Plants(Apple)	9 th International Conference for Convergence in Technology(I2CT) IEEE	International	979-8-3503-9447		April 2024	
14.	M B Lonare Bhuvan Chandra Joshi Satyam Kunar Tripathy Shivam Kumar Shivanshu Tiwari	Real-Time Network Monitoring & Reporting Using Network Intrusion Detection System	9 th International Conference for Convergence in Technology(I2CT) IEEE	International	979-8-3503-9447		April 2024	
15.	Ayush Kumar Tiwari Aman Sharma Poonam Rayakar Manish Kumar Bhavriya Nisha	AI-Generated Video Forgery Detection and Authentication	9 th International Conference for Convergence in Technology (I2CT)IEEE	International	979-8-3503-9447		April 2024	
16.	Sharayu Lokahnde Shipa Pawar Neha Chuahan	Analysis of Secure Vehicular Ad Hoc Network Communications in IoT-Enabled Helthcare	IEEE International Conference on Interdisciplinary Approaches in Technology & Management for Social Innovation	International			April 2024	
17.	Mangesh Hajare Jyoti Rao Pramod Patil	Video Processing Real Time Automobile Part Defect Detection & Classification Using Deep Learning	4 th International Conference on Computer Vision & Robotics	International			May 2024	



Department of Computer Engineering

Book/Book Chapter Published: Academic Year (July 2023 - June 2024)

Sr. No.	Name of Authors	Title	ISBN	Local/ National/ International	Publisher Details	Edition	Date/Year
1.	Kuldeep Hule	Human Resource Management In The Recent Era: The Role of Artificial Intelligence(AI)	972-93-91387-55-6	National	Association of global Academician & Researchers (AGAR) Publication		Oct 2023
2.	Sita Yadav	Performance Analysis of Stochastic Gradient Descent & Adaptive Moment Estimation Optimazion Algorithms for CNN	978-93-5842-155-2	International	Book Rivers		July 2023
3.	Vaishali Ganganwar Syed Iarshed Hussain Ankur Powar Shushant Gaur Amit Kumar	Using Website Content for Detecting Phishing Urls:A Novel Approach	978-981-99-9518-9	International	Springer, Singapore		Sept 2023
4.	Vaishali Ganganwar Prashant Rajput N Bhavana Swapnil Sinha Ashna Vaid	Camoveil: Digital Camouflage Pattern Genration System	978-981-99-9524-0	International	Springer, Singapore		Sept 2023



ARMY INSTITUTE OF TECHNOLOGY
Dighi Hills, Alandi Road, Pune 411015



5.	Dr. Vaishali Ganganwar Divyanshu Gupta Vinay Kumar Singh Jayanth Abhishek Thakur	GPT & its Ability to Tell Stories-A Study	978-981-97-4496-1	International	Springer, Singapore		Feb 2024
6.	Dr. Vaishali Ganganwar Manvinder Mohit Singh Priyank Patil Saurabh Joshi	Sarcasm & Humor Detection in Code-Mixed Hindi Data : A Survey	978-981-97-6588-1	International	Springer, Singapore		March 2024
7.	Nikita Singhal Anuranjan Kumar Pandey Ankit Kumar	Aerodetect: Real-Time Small Object Detection in Aerial Images	978-981-99-9524-0	International	Springer, Singapore		Sept 2023