



Pimpri Chinchwad Education Trust's
**Pimpri Chinchwad College of Engineering &
Research Ravet, Pune**
IQAC PCCOER



Faculty Publication Details

Department of Computer Engineering

Details of Faculty Publications

Summary of publication:

Total publications for 2023-2024	Journals	Conferences	Book Chapters
	14	1	4



Academic Year 2023-2024

Sr. No.	Name of Author	Paper Title	Journal/ Conferen ce/ Book Chapter	Journal/ Conference/Book Chapter	ISBN/ ISSN No.	Volum e/ Issue No./ Edition	Month/ Year
1	Dr.Archana Chaugule	An Enhanced Query Optimization Implemented	Journal	International Journal on Recent and Innovation	2321-8169	Vol. 11 Issue	October 2023

		in Hadoop using Bio-Inspired Algorithm with HDFS Technique		Trends in Computing and Communication		10	
2	Dr. Santosh Chobe	Introduction of Machine Learning with Applications to Communication System	Journal	Journal of Autonomous Intelligence	2630-5046	Vol. 6 Issue 3	September2023
3	Dr. Santosh Chobe	Evaluation of the extent and demanding roles of ethical hacking in cyber security	Journal	Journal of Autonomous Intelligence	2630-5046	Vol. 7 Issue 1	September2023
4	Dr. Swati Nikam	Introduction of Machine Learning with Applications to Communication System	Journal	Journal of Autonomous Intelligence	2630-5046	Vol. 6 Issue 3	September2023
5	Dr. Swati Nikam	Evaluation of the extent and demanding roles of ethical hacking in cyber security	Journal	Journal of Autonomous Intelligence	2630-5046	Vol. 7 Issue 1	September2023
6	Mrs.Sonali Lunawat	Grid Boost: A Classifier with Increased Accuracy to Detect Anomaly in Social Media Networks	Journal	Journal of Engineering Science And Technology Review	1791-2377	Vol. 16 Issue 5	October 2023
7	Mrs.Sonali Lunawat	An Efficient Approach for crop Disease and Renewable Systems	Conference	2nd International Conference on Automation, Computing and Renewable Systems IEEE	979-8-3503-4023-5		December 2023
8	Mrs. Vaishali Latke	Enhancing Endodontic Precision: A Novel AI-Powered Hybrid Ensemble Approach for Refining Treatment Strategies	Journal	International Journal Of Intelligent Systems And Applications In Engineering	2147-6799	Vol. 11 No. 11s	July 2023
9	Mrs. Vaishali Latke	A New Approach towards Detection of Periapical	Journal	Grenze International Journal of Engineering and	2395-5287	-	June 2023

		Lesions using Artificial Intelligence		Technology			
10	Mrs.Madhuri Badole	An Optimized Framework for VANET routing :A Multi-Objective Hybrid Model for Data Synchronization with The Digital Twin	Journal	International Journal of Intelligent Networks	2666-6030	Vol. 4	October 2023
11	Mrs.Madhuri Badole	An Evolutionary Optimization Based on Clustering Algorithm to Enhance Communication Services	Book Chapter	IoT Based Control Networks and Intelligent Systems	ISBN- 978-981-99-6586-1 ISSN-2367-3370	Vol. 789	November 2023
12	Dr. Vijay Kotkar	An IoT enabled healthcare framework for arrhythmia detection based on Qos aware trust aided osprey routing protocol and ensemble learning	Journal	Multimedia Tools and Applications	1380-7501	-	December 2023
13	Mrs. Ashwini Kunal Bhavsar	Enhanced Phishing Website Detection: Leveraging Random Forest and XG Boost Algorithms With Hybrid Features	Journal	International Journal of Innovative Science and Research Technology	2456-2165	Vol. 8 Issue 7	July 2023
14	Dr.Archana Kollu	Energy-efficient resource allocation over wireless communication systems through deep reinforcement learning	Journal	International Journal of Communication Systems	1099-1131	Vol. 37 Issue 2	August 2023
15	Dr.Archana Kollu	An Empirical Review on Secure Edge Computing Architecture	Book Chapter	Cognitive Science and Technology	ISBN-978-981-99-2742-5	Vol. 1	September 2023

					ISSN-2195-3996		
16	Dr.Archana Kollu	Suppressing the Spread of Fake News Over the Social Web of Things: An Influence Maximization-Based Supervised Approach	Journal	IEEE Systems, Man, and Cybernetics Magazine	2380-1298	Vol. 9 Issue: 4	October 2023
17	Mrs. Deepa Mahajan	An Empirical Review on Secure Edge Computing Architecture	Book Chapter	Cognitive Science and Technology	ISBN-978-981-99-2742-5 ISSN-2195-3996	Vol. 1	September 2023
18	Dr. Abhijit D. Jadhav	Breast Cancer Detection Using Deep Learning	Journal	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	Vol. 11	October 2023
19	Dr. Abhijit D. Jadhav	Standardization in the Transformation of Civic System Using Safe and Secure Internet of Things Systems	Book Chapter	Internet of Everything for Smart City and Smart Healthcare Applications	ISBN-978-3-031-34601-9 ISSN-1860-4862	Edition Number 1	August 2023

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	13	4	2



Academic Year 2022-2023

Sr. No.	Name of Author	Paper Title	Journal/ Conferenc e/ Book Chapter	Journal/ Conference/Book Chapter	ISBN/ ISSN No.	Volume/ Issue No./ Edition	Month/ Year
1	Dr.Archana Chaugule	Assessment And Attainment Of Course Outcome And Program Outcome For A Course In Teaching Learning Process For Effective Outcome Based	Journal	Dogo Rangsang Research Journal	2347-7180	Vol. 12 Issue 8	August 2022

		Education					
2	Dr.Archana Chaugule	Wildfire Detection Using Machine Learning	Journal	Dogo Rangsang Research Journal	2347-7180	Vol. 12 Issue 6	June 2022
3	Dr. Santosh Chobe	Self-Constructing Feature Clustering for Text Classification: An Automated Approach	Journal	Tuijin Jishu/Journal of Propulsion Technology	1001-4055	Vol. 44 No. 5	2023
4	Dr. Santosh Chobe	Natural Calamity Detection Using Deep Learning	Journal	Dogo Rangsang Research Journal	2347-7180	Vol. 13 Issue 4	April 2023
5	Dr. Swati Nikam	Self-Constructing Feature Clustering for Text Classification: An Automated Approach	Journal	Tuijin Jishu/Journal of Propulsion Technology	1001-4055	Vol. 44 No. 5	2023
6	Dr. Swati Nikam	Natural Calamity Detection Using Deep Learning	Journal	Dogo Rangsang Research Journal	2347-7180	Vol. 13 Issue 4	April 2023
7	Dr. Mahendra Salunke	Rubik's Cube Encryption Algorithm-Based Technique for Information Hiding During Data Transmission in Sensor-Based Networks	Journal	Intelligent Systems And Applications In Engineering	2147-6799	Vol. 10	September2022
8	Dr. Mahendra Salunke	Gesture Control System: Using CNN based Hand Gesture Recognition for Touch-less Operation of Kiosk Machine	Conference	2022 International Conference on Signal and Information Processing IEEE	ISBN-978-1-7281-6885-2	Vol. 2	August 2022
9	Dr. Mahendra Salunke	Embedded security framework for M2M communication using ULBC and Rubik's Cube encryption algorithm	Journal	Journal of Discrete Mathematical Sciences and Cryptography	0972-0529	Vol. 26	April 2023
10	Dr. Mahendra Salunke	Importance of Lightweight Algorithm for Embedded Security in Machine-to-	Conference	4th International Conference on Information	ISBN-9781450399937	-	Dec 2023

		Machine Communication towards Internet of Things		Management & Machine Intelligence (ACM Digital Library)			
11	Mrs.Madhuri Badole	An Evolutionary Optimization Based on clustering Algorithm to enhance VANET communication services	Book Chapter	International Conference on IoT Based Control Networks and Intelligent Systems	ISBN- 978-981-99-6585-4 ISSN-2367-3370	-	June 2023
12	Mrs. Minal Bodke	A Survey on various Machine Learning approaches to predict Health Insurance Cost	Conference	1st International Conference on Cognitive Computing & Engineering Education (ICCCEE) 2023 IEEE Conference No - 55951	-	-	29th April 2023
13	Mrs. Minal Bodke	A Review Paper on Object Detection using the Deep Learning Approach	Conference	11 th International Conference on Emerging Trends in Engineering & Technology Signal and Information Processing(ICETET SIP -23)	2157-0485	-	April 2023
14	Dr.Govind Suryawanshi	Multiclass Discriminator for Blind Steganalysis Using Statistical Features of Digital Images	Book chapter	International Conference on Smart Trends in Computing and Communications - Lecture Notes in Networks and Systems	ISBN- 978-981-99-0768-7 ISSN- 2367-3370	Vol. 645	June 2023
15	Dr. Vijay	Assessment And Attainment	Journal	Dogo Rangsang	2347-7180	Vol. 12	-

	Kotkar	Of Course Outcome And Program Outcome For A Course In Teaching Learning Process For Effective Outcome Based Education		Research Journal		Issue 8	
16	Dr. Vijay Kotkar	Wildfire Detection Using Machine Learning	Journal	Dogo Rangsang Research Journal	2347-7180	Vol. 12 Issue 6	-
17	Dr. Vijay Kotkar	Fast anomaly detection in video surveillance system	Journal	Multimedia Tools and Applications	1380-7501	Vol 82	04th March 2023
18	Dr.Archana Kollu	An Optimized Systematic Approach to Identify Bugs in Cloud-Based Software	Journal	Scientific Programming - Next-Generation Optimization Models and Algorithms in Cloud and Fog Computing 2022	1875-919X 1058-9244	Vol. 2022	15 September 2022
19	Mr. Sarika Dhurgude	Phishing Url Detection Using Machine Learning	Journal	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	Vol 11	May 2023

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Department of Computer Engineering

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Summary of publication:

Total publications for 2021-2022	Journals	Conferences	Book Chapters
	21	--	4

Academic Year 2021-2022

Sr. No.	Name of Author	Paper Title	Journal/Conference/Book Chapter	Journal/Conference/Book Chapter	ISBN/ISSN No.	Volume/Issue No./Edition	Month/Year
1	Dr. Archana Chaugule	Survey Of Seed Classification Techniques	Journal	Turkish Journal Of Computer And Mathematics Education (TJCME)	1309-4653	Vol. 12	June 2021
2	Dr. Archana	Handwritten Hindi Digit	Journal	High Technology	1006-6748	Vol. 27,	2021

	Chaugule	Recognition		Letter		Issue 6	
3	Mr. Mahendra Salunke	Ultra-Lightweight Block Cipher In Medical Internet Of Things For Secure Machine-To-Machine Communication Using FPGA	Journal	Revista Geintec-Gestao Inovacao E Tecnologias	2237-0722	Vol. 11	July 2021
4	Mr. Mahendra Salunke,	Ai-Based Office Assisting Robot	Journal	Grenze International Journal of Engineering & Technology (GIJET)	2395-5287	Vol. 8 Issue 2	2022
5	Mr. Sonali Lunawat	Web based Classroom With Education Tools	Journal	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	Vol. 10 Issue 10	May 2022
6	Mr. Sonali Lunawat	Efficient Recommender system For Kids Hobby using ML	Book Chapter	4th International Conference On Soft Computing And Signal Processing, Advances in Intelligent Systems and Computing	ISBN-978-981-16-7087-9 ISSN-2194-5357	Vol.1413	2022
7	Mrs. Vaishali Latke	Detection & Classification Of Dental Caries Using Artificial intelligence: A Review	Book Chapter	International Conference on intelligent Computing In Information Technology For Engineering System CRC press	ISBN-978-1-032-27080-7	-	April 2022
8	Mr. Vaishali Latke	Blockchain Based E-Voting System	Journal	Dickensian Journal	0012-2440	Vol. 22, Issue 5	May 2022
9	Mr. Madhuri	Real-Time Age And Gender Simulation Using Resenet	Journal	High Technology Letter	1006-6748	Vol. 27, Issue 6	2021

	Badole	CNN					
10	Mr. Madhuri Badole	Automatic Pneumonia Detection Using Deep Learning	Journal	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	Vol. 10, Issue 5	May 2022
11	Mrs. Minal Bodke	Analysis Of Various Region Incrementing Visual Cryptography Techniques	Journal	International Journal Of Future Generation Communication And Networking	2233-7857	Vol. 14 No.1	February 2021
12	Mr. Govind R. Suryawanshi	Rice Quality Analysis Using Image Processing And Machine Learning	Journal	International Journal Of Creative Research Thoughts	2320-2882	Vol. 10 Issue 10	May 2022
13	Mr. Govind R. Suryawanshi	Crowd Anomaly Detection In Video Surveillance Using Deep Learning	Journal	Dogorangsang Research Journal	2347-7180	Vol. 12, Issue 5	May 2022
14	Mr. Vijay A. Kotkar	Crowd Anomaly Detection In Video Surveillance Using Deep Learning	Journal	Dogorangsang Research Journal	2347-7180	Vol. 12, Issue 5	May 2022
15	Mr. Madhuri Kumbhar	Online Grocery Recommendation System	Journal	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	Vol. 10 Issue 10	May 2022
16	Mr. Madhuri Kumbhar	Spit Detection Using Convolutional Neural Network	Journal	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	Vol. 10 Issue 10	May 2022
17	Mr. Nilesh Korade	Crop Recommendation System Using Machine Learning Algorithm	Journal	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	Vol. 10 Issue 5	May 2022
18	Mrs. Shweta Koparde	Analysis Child Learning Disability Using Augmented Reality	Journal	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	Vol. 9 Issue 8	August 2021
19	Mrs. Shweta	A Novel Classification Of	Book	International	ISBN- 978-	-	May 2022

	Koparde	Cancer Based On Tumor RNA Sequence On Gene Expression	Chapter	Conference Computing and Applied Engineering, Algorithms for Intelligent Systems	981-16-9649-7 ISSN - 2524-7565		
20	Mrs. Shweta Koparde	Detection Of Child Learning Disability Using Augmented Reality	Conference	International Conference On Computing And Applied Engineering (ICCAE2021)	--	--	--
21	Mrs. Shweta Koparde	A low cost Indoor Navigation System using Augmented Reality	Journal	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	Vol. 10 Issue 10	May 2022
22	Mrs. Shweta Koparde	Customer Segmentation Using Integrated Approach	Journal	International Research Journal of Modernization in Engineering Technology and Science	2582-5208	Vol. 3, Issue 5	May 2021
23	Mrs. Shweta Koparde	AI Human Estimation : Yoga Pose and Detection	Journal	International Journal of Innovative Science and Research Technology (IJISRT)	2456-2165	Vol 7 Issue 5	May 2022
24	Mr. Jameer Kotwal	Applied Deep Learning For Safety In Construction Industry	Book Chapter	International Conference on Data Intelligence and Cognitive Informatics, Algorithms for Intelligent Systems	ISBN-978-981-19-6004-8 ISSN - 2524-7565	-	December 2022

25	Mr. Jameer Kotwal	Face Recognition Based Attendance Bot	Journal	International Journal Of Creative Research Thoughts	2320-2882	Vol. 10, Issue 4	April 2022
26	Mr. Jameer Kotwal	Image Caption Generator Using Convolutional Neural Networks And Long Short-Term Memory	Journal	International Research Journal of Modernization Engineering Technology and Science	2582-5208	Vol. 04 Issue 05	May 2022
27	Dr. G.T. Chavan	Fake News Identification Using Regression Analysis And Web Scraping	Journal	International Journal Of Safety And Security Engineering	2041-9031	Vol. 12, No. 3	June 2022