Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women, Pune
(An autonomous Institute affiliated to Savitribai Phule Pune University)
Department of Computer Engineering

Faculty Research Publication

Academic Year 2023-2024

Sr. No.	Author	Type of Journal / Conference	Paper Title	Volume / Issue	Date	Link
1	Dr.Chhaya Gosavi	8th International Conference on ICT FOR SUSTAINABLE DEVELOPMENT (ICT4SD 2023) held in Goa organized by Global Knowledge Research Foundation and G R Scholastic LLP	"A comparative study of Register Allocation Algorithms"	Proceedings of ICT4SD 2023, Volume 2, Lecture Notes in Networks and Systems (LNNS, volume 782), pp. 19-28, Dec 23.	3rd-4th Aug 2023	Link
2	Mrs.Varsha Pimprale	8th International Conference on ICT FOR SUSTAINABLE DEVELOPMENT (ICT4SD 2023) held in Goa organized by Global Knowledge Research Foundation and G R Scholastic LLP	"Wearable Device to monitor the health parameters of a cyclist"	Proceedings of ICT4SD 2023, Volume 2, Lecture Notes in Networks and Systems (LNNS, volume 782),pp. 63-71, Dec 23.	3rd-4th Aug 2023	Link
3	Mrs.Sakshi Mandke	6th International Conference on Emerging Topics in Computing 2023 (iCETiC '23)	"A Literature Review of Various Analysis Methods and Classification Techniques of Malware"		18th Aug 2023	Link
4	Dr.Madhuri Tasgaonkar	3rd International Conference on Electrical, Computer,	"EDUART: Augmented Reality based learning		20th July 2023	Link

		Communications and Mechatronics Engineering" (ICECCME'23)	experience"			
5	Mrs.Aparna Hajare, Dr.Shilpa Deshpande	7th IEEE International Conference on Computing Communication Control and Automation (IEEE ICCUBEA 2023).	"Kubernetes Cluster Disaster Recovery using AWS"		18-19 Aug 2023	[Link](#)
6	Shilpa Pant, Dr Chhaya Gosavi	International Journal on Recent and Innovation Trends in Computing and Communication	"Survey of Deep Fake Creation Technologies and Deep Fake Detection using LSTM"	Vol 11, Issue 11	Oct 2023	[Link](#)
7	Dr Chhaya S. Gosavi	International Journal on Recent and Innovation Trends in Computing and Communication	"An Enhanced Query Optimization Implemented in Hadoop using Bio-Inspired Algorithm with HDFS Technique"	ISSN: 2321, 8169 Volume: 11 Issue: 10, pp. 521-537	Nov 2023	[Link](#)
8	Varsha Pimprale	Eighth International Conference on Information and Communication Technology for Competitive Strategies ICTCS 2023	"Correlation analysis between INR-USD exchange rates and public sentiments using Twitter"		8-9th Dec 2023	[Link](#)
9	Nutan Deshmukh, Dr.Sandhya Arora, Varsha Pimprale	Eighth International Conference on Information and Communication Technology for Competitive Strategies ICTCS 2023	"Design and Implementation of Thingspeak IoT platform for environmental parameter monitoring"		8-9th Dec 2023	[Link](#)
10	Nutan Deshmukh with students	Eighth International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2023)	"IoT based Automation of the prebuilt Solar Desalination System"		8-9th Dec 2023	[Link](#)

11	Dr. Sandhya Arora	International Conference ICT Systems and Sustainability: ICT4SD 2023. Lecture Notes in Networks and Systems,Springer, Singapore (**Conference proceedings**)	"Survey of Explainable AI Techniques: A Case Study of Healthcare"	vol 765. ISBN 978-981-99-5652-4,	Nov 2023	[Link](#)
12	Prakash Date, Varsha Pimprale, Sakshi Mandke	Journal of Autonomous Intelligence (2023)	"Explorative study on potential of machine learning and artificial intelligence for improved healthcare diagnosis and treatment"	Vol.7, Issue 3		[Link](#)
13	Dr.Mahendra Deore, Dr. Shilpa Deshpande	3rd IEEE International Conference on Innovative Mechanisms for Industry Applications (IEEE ICIMIA 2023 - December 2023).	"Network Tunnel Component for Backup over Internet"	21-23, December 2023		[Link](#)
14	Meenal Kamlakar	International Journal of Intelligent Systems and Applications in Engineering,	"Smart Stress Related Risk Assessment of Pregnant Woman Using Internet of Medical Things"	Volume issue:Volume 12 No. 9S	Dec 2023	[Link](#)
15	Dr.Anjali Naik with student	ICCUBEA-23 8th International Conference on Computing, Communication, Control and Automation	"Biases and Fairness in Deep Learning Models: A survey on inculcating fairness in generative models"		18- 19-August 2023	[Link](#)
16	Dr Supriya Kelkar with students	IEEE 3rd Smart GenCon 2023, Bangalore, India	"MicroPython based Quadcopter Flight Controller with PID Stabilization Algorithm"		29-31 Dec 2023.	[Link](#)
17	Dr Supriya Kelkar with students	IEEE 3rd Smart GenCon 2023, Bangalore, India	"Comparative Analysis of Different Predictive Models for Fouling Factor Prediction in HE",		29-31 Dec 2023.	[Link](#)

18	Dr.Sandhya Arora	International Journal on Recent and Innovation Trends in Computing and Communication	"A Review on Cross Weather Traffic Scene Understanding Using Transfer Learning for Intelligent Transport System"	ISSN: 2321-8169	Nov 2023	[Link](#)
19	Dr.Chhaya Gosavi, Dr. Anjali Naik, Dr. Madhuri Tasgaonkar	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	" Deep Learning for Early Cancer Detection: A Comprehensive Analysis of Imaging Data"	Vol. 12 No. 10s, 619-623	Jan 2024	[Link](#)
20	Mr.Hitendra Khairnar	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	"A Traffic Path Recommendation Using Time Series Based Parameter Forecasting across Origin-Destination Pair"	12(13s), 721–734 ISSN:2147-67992	Jan-2024	[Link](#)
21	Dr.Sandhya Arora	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	"An Extensive Survey on Sketch to Photo Synthesis Methods: Trends and Challenges"	vol. 12, no. 13s, ISSN: 2147-6799	Jan-2024	[Link](#)
22	Dr.Sandhya Arora	ICDCIT-2024	"Online Payment Fraud Detection for Big Data"		Jan-2024	[Link](#)
23	Jyoti Bangare Nilofer Kittad	South Eastern European Journal of Public Health (ISSN: 2197-5248)	The Intersection of Technology and Public Health: Opportunities and Challenges	Volume XXI	Nov 2023	[Link](#)
24	Gitanjalee Salunkhe , Sulakshana Nagpurkar , Jyoti Kengale	International Journal of Intelligent Systems and Applications in Engineering	Boosting Productivity through Deep Learning: Strategies for Enhanced Efficiency	Vol. 12 No. 13s (2024)	2024	[Link](#)
25	Pranjali Deshpande and Dr.Sunita Jahirabadkar	International Journal of Intelligent Systems and Applications in Engineering.(IJISAE)	"Comparative Analysis of Lexical Chain, Bidirectional Encoder Representations from Transformers (BERT) and Graph based Approaches for Condensation of Low Resource	12(16s), 08–15	Feb 23, 2024	[Link](#)

			Language Documents"			
26	Dr. Sandhya Arora	Journal Name: Social network analysis and mining	Text classification models for personality disorders identification	Vol 14, 19	March 2024	[Link](#)
27	Dr. Sandhya Arora	AIP conference proceedings 2024, INTERNATIONAL CONFERENCE ON INTELLIGENT AND SMART COMPUTATION	Transformer-based models for hate speech classification	vol 3072, issue 1	March 2024	[Link](#)
28	Dr.Chhaya Gosavi	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	Integration of Machine Learning Algorithms in Genomic Data for Accurate Cancer Diagnosis and Prognosis	VOL. 12 NO. 18S	March 2024	[Link](#)
29	Dr Supriya Kelkar, Dr Mahendra Deore with students	International Journal on Recent and Innovation Trends in Computing and Communication	"Role of Machine Learning, Deep Learning and WSN in Disaster Management: A Review and Proposed Architecture"	Volume: 11 Issue: 10	Nov 2023	[Link](#)
30	Dr.Sushila Shelke, Dr. Neeta Maitre	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	"Identification of Rumor Sources in Social Network: Reverse Propagation Approach",	vol.12, issue-3, pp 1230–1240.	March 2024	[Link](#)
31	Dr Neeta Maitre, Dr Sushila Shelke	International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC)	"Use of Cryptocurrencies and Intelligent Systems in Agriculture"	vol.11, issue no. 9, ISSN: 2321-8169, pp. 2328–2331, https://doi.org/10.17762/ijritcc.v11i9.9240,	Dec. 2023	[Link](#)
32	Dr.Sheetal Barekar	Indonesian Journal of Electrical Engineering	"CNN-CatBoost ensemble deep learning	vol. 34, issue -1	March 2024	[Link](#)

		and Computer Science	model for enhanced disease detection and classification of kidney disease"			
33	Dr.Sheetal Barekar	South Eastern European Journal of Public Health	"Next-Gen Security: Leveraging Advanced Technologies for Social Medical Public Healthcare Resilience"	Vol 23	May 2024	Link
34	Dr.Sheetal Barekar	South Eastern European Journal of Public Health	"Enhancing Public Healthcare Security: Integrating Cutting-Edge Technologies into Social Medical Systems"	Vol 23	May 2024	Link
35	Dr.Sheetal Barekar	South Eastern European Journal of Public Health	"Cybersecurity Technologies for Protecting Social Medical Data in Public Healthcare Environments"	Vol 23	May 2024	Link
36	Dr.Anjali Naik with student	ICCUBEA-23 8th International Conference on Computing, Communication, Control and Automation	"Study of Existing Algorithms & Implementation of Vehicle Detection for Smart Warning System for Drivers "		18-19 August 2023	Link
37	Vaishali Salgar with Student	7th IEEE International Conference on Computing Communication Control and Automation (IEEE ICCUBEA 2023).	"Image Piracy Detection on Social Media Platforms Such as Instagram and Facebook"		18-19 August 2023	Link
38	Dr. Sandhya Arora	In International Conference on Next Generation Systems and Networks 2022 Nov 4 (pp. 295-305). Singapore: Springer Nature Singapore	"Lightweight Authentication Scheme for Fog-Based Smart Grid Network"		July 2023	Link
39	Dr. Mahendra Deore	International Journal of Interactive Multimedia &	"GRASE: Granulometry Analysis	Vol 8, Issue 6,	June 2024	Link

		Artificial Intelligence,	With Semi Eager Classifier to Detect Malware"			
40	Dr. Mahendra Deore	Journal of Autonomous Intelligence	"Basil plant leaf disease detection using amalgam based deep learning models"	Volume 7 , Issue 1	Nov 2023	[Link](#)
41	Dr.Neeta Maitre	International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC)	"Challenges in policy developments for automated vehicles"	vol.11, issue no. 9	Sept 2023	[Link](#)
42	Prof. Jyoti Bangare	International Journal of Intelligent Systems and Applications in Engineering	"Phishing Website Detection Using Advanced Machine Learning Techniques"	VOL. 12 NO. 12S (2024)	Jan 2024	[Link](#)

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Faculty Research Publication

Academic Year 2022-2023

Sr. No.	Author	Type of Journal / Conference	Paper Title	Volume / Issue	Date	Link
1	Mrs.Varsha Pimprale	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	"An Awareness of Superfoods for Healthy Lifestyle using Digital Marketing"	ISSN: 2278-3075 (Online), Volume-11 Issue-8	July 2022	Link
2	Dr.Sandhya Arora	7th International Conference on ICT for Sustainable Development organized by Global Knowledge Research Foundation (ICT 4SD)	"AI based Interview Agent"		July 2022	Link
3	Dr.Sunita Jahirabadkar	7th international congress on Information and Communication Technology . Conference proceedings in Lecture notes in Networks and Systems (Springer)	"Survey on precision agriculture in Indian Context for Effective Fertigation using learning techniques"	Electronic ISSN 2367-3389 Print ISSN 2367-3370	July 2022	Link
4	Dr.Shilpa Deshpande	International Journal of Cloud Applications and Computing (IJCAC)	"Trust Evaluation and Prioritization of Cloud Service providers using MADM Methods"	Volume-12, issue-1 ISSN: 2156-1834 EISSN: 2156-1826	July 2022	Link
5	Mrs.Jyoti Bangare	Hindawi Journal of Food Quality Volume 2022	"Investigation of Diabetes Care in Elder Individuals Using Artificial Intelligence"	Article ID 8760032	2 Aug 2022	Link

6	Mrs.Jyoti Bangare	Hindawi Journal of Computational Intelligence and Neuroscience	"Development of Machine Learning and Medical Enabled Multimodal for Segmentation and Classification of Brain Tumor Using MRI Images"	Vol. 2022	24 Aug 2022	[Link](#)
7	Dr. Supriya Kelkar	International Conference on Signal and Information Processing, IConSIP 2022, IEEE , College of Engineering, Pune, India	"Ensemble Classification Model for Prediction of Heart Disease"		Aug 26-27 2022	[Link](#)
8	Dr.Sandhya Arora	Algorithms, Computing and Mathematics conference 2022 held at Chennai	"Stock Market Technical Analysis using Japanese Candlesticks and Machine Learning"		29th Aug 2022	[Link](#)
9	Dr Supriya Kelkar and Dr Shilpa Deshpande	2022 IEEE GLOBAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GlobConPT)	"Mitigating SIoT attacks in Smart Medical Systems: A Machine Learning based Approach"		23-25 Sept, 2022	[Link](#)
10	Mrs.Jyoti Bangare	Measurement: Sensors Published by Elsevier Ltd.	"IoT based Smart Parking Model using Arduino UNO with FCFS Priority Scheduling"	Volume 24, December 2022, 100524	Dec 2022	[Link](#)
11	Dr.Sunita Jahirabadkar	Springer Proceedings of 6th international Conference on Information and Communication Technology for Intelligent Systems	"Color feature extraction based near duplicate video retrieval"	Electronic ISSN 2367-3389 Print ISSN 2367-3370	April 22-23,2022	[Link](#)
12	Dr.Sunita Jahirabadkar	International Journal of Computing and digital systems	"Support vector machine based multi view hashing approach for near duplicate video retrieval"	ISSN: 2210-142X	Dec 2022	[Link](#)

13	Dr Supriya Kelkar, Dr.Shilpa Deshpande	2022 IEEE Pune Section International Conference (IEEE PuneCon 2022)	"Phishing Attack Detection on Text Messages Using Machine Learning Technique"		16th Dec 2022	[Link](#)
14	Dr.Sunita Jahirabadkar	2022 IEEE Bombay Section Signature Conference (IBSSC)	"A Survey on Image Processing based Techniques for Space Debris Detection"		Dec 2022	[Link](#)
15	Mrs.Varsha Pimprale, Dr.Chhaya Gosavi, Mrs.Simantine e Kulkarni	Industrial Engineering Journal - UGC CARE Group-1, Sr. No.-155 (Sciences)	"A Pedagogical approach for Online Lab Conduction during COVID-19 pandemic situation"	ISSN: 0970-2555 Volume: 52, Issue 1, No. 1	Jan 2023	[Link](#)
16	Meenal Kanlakar	Journal of Pharmaceutical Negative Results	"Survey On Different Methods Used to Track Maternal and Fetal Health During Pregnancy"	ISSN 2229-7723 Vol. 13 No. 4 (2022)	Mar 2023	[Link](#)
17	Dr. Chhaya S. Gosavi, Dr. Sandhya Arora	Journal of Engineering Education Transformations	"Active Learning Strategies for Engaging Students in Higher Education"	Volume No 36, Special issue, eISSN 2394-1707	Dec 2022	[Link](#)
18	Dr Mahendra Deore, Hitendra Khairnar, Dr Chhaya Gosavi	Journal of Engineering Education Transformations,	"A Comparative Analysis of Traditional and Electronic Learning Systems and Their Applications"	Volume No 36, Special issue, eISSN 2394-1707	Dec 2022	[Link](#)
19	ASHWINI M BHUGUL (rajurkar)	8th IEEE International Students' conference on Electrical, Electronics and Computer Science SCEECS'23 organized by IEEE Maulana Azad National Institute of Technology , Bhopal (M.P.)	"Novel deep neural network for suspicious activity detection and classification"		18th-19th Feb 2023	[Link](#)
20	Dr.Shilpa Deshpande, Nutan Deshmukh	2023 6th International Conference on Information Systems and Computer Networks (ISCON)	"Serverless Data Protection in Cloud"		Mar 2023	[Link](#)
21	Dr.Supriya	7th International Conference, ICACDS	"Optimal and Event Driven Adaptive Fault		April	[Link](#)

	Kelkar	2023 Kolkata, India (ICACDS 2023) Conference proceedings Published in Springer's Communications in Computer and Information Science	Diagnosis for Arbitrary Network"		2023	
22	Dr Neeta Maitre	Frontiers in Agronomy: Sec. Climate-Smart Agronomy	"Can agro-biomass valorization be the fulcrum for sustainable development?"	Volume 5	May 2023	Link
23	Dr Chhaya Gosavi, Mahendra Deore	International Conference on E-Learning and Smart Engineering Systems (ELSES)	"Higher education's innovative pedagogical approaches and teaching practices"		May 2023	Link
24	Vaishali Salgar, Dr Chhaya Gosavi	International Conference on E-Learning and Smart Engineering Systems (ELSES)	"Case Study Based Learning Pedagogy to Teach Advances in Programming Languages"		May 2023	Link
25	Dr.Supriya Kelkar	4th International Conference of Emerging Technology (INCET 2023) organized by Jain College of Engg Belgavi, India	"Event Driven Fault Diagnosis And Partition Detection (ED-FDPD) Algorithm"		May 2023	Link
26	Mrs. Varsha Pimprale	European Chemical Bulletin- 2023, 12 (Special Issue 4)	"Disease classification and prediction based on symptoms using Machine Learning"	Special Issue 4	May 2023	Link
27	Nutan Deshmukh	Grenze International Journal of Engineering and Technology (GIJET)	"Review of Industrial Automation Using IoT: Comparison of PLC-based Automation Systems Using Various Communication Protocols and Technologies"	Volume 9, Issue 1	Jan 2023	Link
28	Mr.Hitendra Khairnar	International Journal on Recent and Innovation Trends in Computing and	"Traffic Path Recommendation Model based on a	Vol. 11 No. 6s (2023)	June 2023	Link

		Communication, 11(6s), 262–270.	Weighted Sum of Extracted Parameter"			

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Faculty Research Publication

Academic Year 2021-2022

Sr. No.	Author	Type of Journal / Conference	Paper Title	Volume / Issue	Date	Link
1	Mrs. Sakshi Mandke	International Research Journal of Engineering and Technology (IRJET)	Use and Implementation of Gamification in Enterprise Systems	Vol. 8, Issue 07	Jul 2021	Link
2	Dr.Neeta Maitre	GORTERIA JOURNAL (International Journal)	AI based Solution : A Business Perspective	Vol. 34, Issue 7, ISSN: 0017-2294	Jul 2021	Link
3	Dr.Neeta Maitre	Journal of Emerging Technologies and Innovative Research (JETIR)	Relative Greenhouse Gases Emissions of MSA Algorithms: A comparison of T-Coffee and MAFFT	Vol. 8, Issue 7, ISSN-2349-5162	Jul 2021	Link
4	Mr.M.P. Deore	International Journal of Interactive Multimedia and Artificial Intelligence (IJIMAI).	MDFRCNN: Malware Detection using Faster Region proposals Convolution Neural Network	SCI journal	July 2021	link
5	Sushila Shelke	12th International Conference on Computing, Communication and Networking Technologies (ICCCNT), held at IIT, Kharagpur, India, in association with IEEE Kharagpur Section	Role of Various Features in Identification of Rumors in the Social Network	Scopus Indexed	Jul 6 - 8, 2021	Link
6	Dr. Sheetal Barekar	International Journal of university of Shanghai for science and Technology	Non-Destructive Vector fault Locator to Detect resistive open defects in static Random-access	Vol. 23, Issue 7 ISSN:1007-6735	Jul -2021	Link

			memory with improved performance			
7	Mrs. Varsha Pimprale	International Conference on Emerging Trends in Engineering and Technology (ICETET-2021) organized by Sandip Institute of Engineering and Management, Nashik sponsored by Institute for Engineering Research and Publication (IFERP)	An insight into the technologies required for building an AI based Help Desk		7-8 Jul 2021	
8	Dr. Sheetal Barekar	Microelectronics Journal	On-chip weak resistive defect diagnosis with performance enhancement in 45 nm technology static random access memory	Vol 115 Scopus	Jul-2021	[Link](#)
9	Dr.Sandhya Arora	5th world conference on smart trends in systems, security and sustainability	"Financial forecasting of stock market using sentiment analysis and data analytics"	SCOPUS	July 29-30, 2021	[Link](#)
10	Dr. Sandhya Arora	5th world conference on smart trends in systems, security and sustainability, 29-30 July 2021, London United Kingdom, Lecture Notes in Networks and Systems book series (LNNS, volume 333)	Classification of Handwritten Indic Scripts Using Deep Learning	Print ISBN 978-981-16-6308-6, PP 499-506, Vol 333	July 29-30,2021 Scopus	[Link](#)
11	Swati Shirsath	ICT4SD - 6th International Conference on ICT for Sustainable Development, Goa, India	A Recommendation System to Support the Student to Choose a Role in the College Election	Vol 1 & 2 ISBN: 978-981-16-5655-2 DOI: 10.1007/978-	Aug 5-6,2021 Scopus	[Link](#)

				981-16-5655-2_72		
12	Swati Shirsath	ICT4SD - 6th International Conference on ICT for Sustainable Development, Goa, India	A Detailed Review on Text Extraction Using Optical Character Recognition	Vol 1 & 2 ISBN: 978-981-16-5655-2	Aug 5-6,2021 Scopus	[Link](#)
13	Mr. Hitendra Khairnar	ICT4SD - 6th International Conference on ICT for Sustainable Development, Goa, India	Accident Hotspot Detection using DB-Scan clustering	vol 314, Online ISBN-978-981-16-5655-2, DOI-https://doi.org/10.1007/978-981-16-5655-2_39	Aug 5-6,2021 Scopus	[Link](#)
14	Mrs. Aparna Hajare	ICT4SD - 6th International Conference on ICT for Sustainable Development, Goa, India	Simple Text Annotation Tool (STAT): Web-based tool for creating training data for spaCy models	Vol 1 & 2 ISBN: 978-981-16-5654-5 Springer	Aug 5-6,2021 Scopus	[Link](#)
15	Dr. Sunita Jahirabadkar	2021 Asian Conference on Innovation in Technology (ASIANCON)	Optimization and Enhancement of Space Object Identification Algorithms and Implementation Using Deep Learning Network	DOI: 10.1109/ASIANCON51346.2021.9544722	August 27-29 2021 Scopus	[Link](#)
16	Mrs. Aaprna Hajare	2021 Asian Conference on Innovation in Technology (ASIANCON) organized by Pimpri Chinchwad College of Engineering & Research (PCCOER), Pune.	Generalized Named Entity Recognition Framework	Scopus Indexed	August 27-29 2021 Scopus	[Link](#)
17	Mrs. Jyoti Bangare and Nilofer Kittad	Journal of Emerging Technologies and Innovative Research (JETIR)	A Review: Federated Learning for Health care application	ISSN: 2349-5162	Aug 2021	[Link](#)
18	Dr. Sheetal Barekar	6th International Conference on Data Management, Analytics & Innovation published	Creation of Knowledge Graph for Client Complaint Management System	Scopus Online ISBN 978-981-16-2934-1	Proceedings Aug 2021	[Link](#)

		in "Lecture notes on Data Engineering and communication technologies" (LNDECT ,vol 70)				
19	Dr Deshpande Shilpa	6th International Conference on ICT for Sustainable Development published in Lecture Notes in Networks and Systems, vol 314. Springer, Singapore.	Hybrid Intrusion Detection System for Detecting DDoS Attacks on Web Applications Using Machine Learning.	August 2021 SCOPUS	published in 2022 https://doi.org/10.1007/978-981-16-5655-2_77	link
20	Dr.Supriya Kelkar and Dr. Shilpa Deshpande	Innovation, Technologies and Management Journal : Revista Geintec-Gestao Inovacao E Technologias	Gateway Based Trust Management System For Internet Of Things	August 2021	Vol. 11, Issue No. 4, ISSN: 2237-0722, pp. 4750-4763	link
21	Sushila Shelke, Mahendra Deore	2nd international conference on sustainable expert systems (ICSES 2021) sponsored by Springer organized by Tribuvan University, Nepal	Review on Log-Based Anomaly Detection Techniques	Sept 17-18,2021 SCOPUS	-	
22	Dr. Shubhangi Tikhe	International research journal of engineering and technology (IRJET)	Prediction and Prognosis of Lung Cancer using Machine Learning Techniques	Sept 2021	Vol-8, Issue-9 IF: 7.529 e-ISSN: 2395-0056 p-ISSN:2395-0072	
23	Aparna Hajare. Dr Shilpa Deshpande	IEEE International Virtual Conference on Computing, Communication and	Creating Helm Charts to ease deployment of Enterprise Application and it's related Services in Kubernetes	23rd - 25th Sept 2021 Scopus		Link

		Green Engineering-2021 (CCGE'21)				
24	Dr Deshpande Shilpa	International Conference on Computing, Communication and Green Engineering (CCGE21), IEEE	OpenStack Cloud Deployment For Scientific Applications	September 2021	-	[link](#)
25	Dr.Supriya Kelkar and Dr. Shilpa Deshpande	International Conference on Computing, Communication and Green Engineering (CCGE21), IEEE	Trust Evaluation and Cloud Service Recommendation System Based On Machine Learning Techniques	September 2021		[link](#)
26	Dr.Sheetal Barekar	2021 IEEE 12th Latin American Symposium on Circuits and Systems, LASCAS 2021	On-Chip Area and Test Time Effective Weak Resistive Open Defect Detection Technique for Cache Memory	October 4 2021 SCOPUS		[link](#)
27	Dr.Anjali Naik	4th IEEE Pune section International Conference on Innovation in Engg , design and Holistic Education (IEEE,Pune Con2021)	Effect of Hyper parameters on Back propagation	December 16 - 19 2021 SCOPUS		[link](#)
28	Mrs.Meenal Kamlakar	Acta Scientific Computer Sciences 3.12 (2021) (Journal Name: AS Computer Sciences)	Use of Machine Learning and Sensors for Monitoring Pregnancy	December 2021	Issue 12 Volume 3	[link](#)
29	Sushila Shelke	Turkish Journal of Qualitative Enquiry	Rumor Source Identification in Social Network with Lowest Search Space	December 2021 SCOPUS		[link](#)
30	Ashwini Rajurkar	AICTE sponsored National conference on Multidisciplinary Research and Innovations NCMRAI-21, Sipna College of Engineering and Technology, Amravati	Comparative study of Real Time video segmentation techniques for video processing	January 28 - 29 2022		[link](#)

31	Mrs.Sushila Shelke	Multimedia Tools and Applications (2022):	Rumor detection in social networks based on user, content and lexical features	March 7, 2022 SCIE, SCOPUS and UGC care journal	Published online pp 1-22	link
32	Dr.Shubhangi Tikhe	International Conference on Artificial Intelligence and Machine Vision	Simulating the cognitive thought process with a modified genetic algorithm	2021	pp.1-5 SCOPUS	link
33	Mrs Pranjali Deshpande, Dr. Sunita Jahirabadkar	Fifth International Conference on Smart Trends in Computing and Communications (SmartCom 2021) Las Vegas, Nevada- United States. Smart Trends in Computing and Communications Proceedings of SmartCom 2021 : Springer	A Survey on Statistical Approaches for Abstractive Summarization of Low Resource Language Documents	2021	SCOPUS	link
34	Mr.Hitendra Khairnar, Dr.Chhaya Gosavi, Dr.Mahendra Deore	National Conference on Pedagogy for Higher Education [NCPHE-2022] at CCEW, Pune	A Comparative Analysis of traditional and electronics learning systems and their applications	June 25, 2022	-	
35	Dr.Anjali Naik, Dr.Madhuri Tasgaonkar, Mrs.Vaishali Salgar, Mrs.Varsha Pimprale, Mrs.Sanjivani Mane. Dr.Chhaya Gosavi, Dr.Shubhangi Tikhe	National Conference on Pedagogy for Higher Education [NCPHE-2022] at CCEW, Pune	Course outcome based cooperative teaching for engineering student	June 25, 2022	-	
36	Dr.Sunita Jahirabadkar	7th international congress on Information and Communication Technology, proceedings	"Survey on precision agriculture in Indian Context for Effective	2022 SCOPUS		link

		in Lecture notes in Networks and Systems (Springer)	Fertigation using learning techniques"			
37	Mrs Pranjali Deshpande, Dr. Sunita Jahirabadkar	The 2nd IEEE IAS International Conference on Computational Performance Evaluation (ComPE-2021),Department of Biomedical Engineering, North-Eastern Hill University (NEHU)	Study of Low Resource Language Document Extractive Summarization using Lexical chain and Bidirectional Encoder Representations from Transformers (BERT)	Scopus Indexed	1st-3rd Dec 2021	Link

Academic Year 2020-2021

Sr. No.	Author	Type of Journal / Conference	Paper Title	Volume / Issue	Date	Link
1	Dr. Supriya Kelkar	International Conference on Electronics, Computing and Communication Technologies, CONECCT 2020, IEEE Bangalore Section, India	Mitigating IoT attacks in smart medical networks using enhanced dirichlet based algorithm for trust management system	Scopus	Jul 2-4, 2020	Link
2	Mrs. Varsha Pimprale	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	A Proposal of Scala Script Generation Tool for Extract Transform Load (ETL) Operations	IC Value: 45.98; SJ IF: 7.429 Volume 8 Issue 7 ISSN: 2321-9653 Peer-Reviewed	Jul 2020	Link
3	Dr. Sunita Jahirabadkar	An IEEE Kolkata and IEEE industrial Society, USA- International Conference on	Space Objects Classification Techniques: A Survey	Scopus	2nd - 4th Jul 2020	Link

		Computational Performance Evaluation (ComPE-2020)				
4	Mrs. Pranjali Deshpande	2020 Fourth World Conference on SMART TRENDS IN SYSTEMS, SECURITY and SUSTAINABILITY (World S4), London, UK (online IEEE Conference)	Automatic Depression level detection through Visual Input	Scopus Indexed	27th -28th Jul 2020	Link
5	Mrs. Pranjali Deshpande	2020 Fourth World Conference on SMART TRENDS IN SYSTEMS, SECURITY and SUSTAINABILITY (World S4), London,UK (online IEEE Conference)	Text Summarization and Classification of Conversation Data between Service Chatbot and Customer	Scopus Indexed	27th -28th Jul 2020	Link
6	Dr. Sandhya Arora	International Journal of Advanced Trends in Computer Science and Engineering	Identification of violent behavior using Handwriting	ISSN 2278-3091	Jul-Aug 2020	Link
7	Dr.Sandhya Arora	International Journal of Advanced Science and Technology	A Literature Review of Image Stylization Techniques	Vol.29, No.3, pp.14921–14930	Aug-2020	Link
8	Dr. Sunita Jahirabadkar	First Doctoral Symposium on natural computing research (DSNCR-2020)	Content-Based Near-Duplicate Video Detection using Density-based Clustering- OR-DBSCAN	Scopus indexed conference at SKNCOE, Pune	8th Aug 2020	Link

9	Dr. Anjali Naik	First Doctoral Symposium on natural computing research (DSNCR-2020)	Analysis of Shallow Neural Network for the Lung Cancer Detection Using CT - Scan Images	Scopus indexed conference at SKNCOE, Pune	8th Aug 2020	Link
10	Mr. Hitendra Khairnar	First Doctoral Symposium on natural computing research (DSNCR-2020)	Review of Challenges for Short-Term vehicular traffic forecasting	Scopus indexed conference at SKNCOE, Pune	8th Aug 2020	Link
11	Dr. Chhaya Gosavi, Mrs.Varsha Pimprale Ms. Neha Koria	Peer Reviewed International Journal Multidisciplinary Journal of Research in Engineering and Technology (MJRET)	Use of Flipped Classroom Activity as an Active Learning Strategy: An Experimental Analysis	Volume 7 No.4, 2020 ISSN: 2348-6953, Peer Reviewed Journal	Sept 2020	Link
12	Dr. Sandhya Arora	Journal of Research in Computer Science and Engineering (MANTECH Publications)	Random Forest and ARIMA model for Crime Prediction and Analysis	Volume 5 Issue 2 ISSN: 2457-0818 (Online) Peer Reviewed	Sept 2020	Link
13	Dr. Neeta Maitre	Science and Engineering Journal (Paper ID: SAE/1120-01)	Types of genetic modification with synergistic overview of machine learning algorithms	Vol. 24, Issue 11 2020 ISSN:0103-944X	Nov-2020	Link
14	Mrs. Sheetal Barekar	Journal of Solid-State Technology	Sensitizing Defects in Static Random Access Memory using Built-In Self-Test	Vol. 63, no. 6, pp. 7024-7032	Nov 2020	Link
15	Mrs. Sheetal (Tak) Barekar	2nd International Conference on Data Science, Machine	Efficient Resistive Defect Detection Technique for Performance	https://doi.org/10.1007/9	5th-6th Dec 2020	Link

		Learning and Applications (ICDSMLA-20), Dec 2020.	Enhancement of Static Random Access Memory	78-981-16-3690-5_75		
16	Dr. Sunita Jahirabadkar	2020 IEEE Pune Section International Conference (PuneCon) Vishwakarma Institute of Technology, Pune India.	A Survey on Near Duplicate Video Retrieval Using Deep Learning Techniques and Framework	Scopus	Dec 16-18, 2020	Link
17	Ms. Ashwini Bhugul (Rajurkar)	Research Journal of Science and Engineering and Technology	Detection of suspicious human activities and prediction of crime using machine learning approach	Vol. 10 , Issue 4 ISSN No.2454-319 (online) UGC approved journal	Dec 2020	Link
18	Dr. Neeta Maitre	2nd International Conference on Management Skills and Growth Strategies in the Post-Pandemic Period organised by Prin. L.N. Welingkar Institute of Management Development and Research, Mumbai – 400019	From experience to exploration - Post pandemic Leadership in Education Domain		Jan 21-22, 2021	
19	Mr. Hitendra Khairnar	6th International Congress on Information and Communication Technology (ICICT 2021) held on Digital Platform Zoom	Predicting traffic path recommendation using spatiotemporal graph convolution neural network	Scopus	25th-26th Feb 2021	Link
20	Mrs. Pranjali Deshpande	International Journal of Computer Applications	Calendar Delegation with Alexa	Vol. 174 , No. 29 0975 – 8887	April 2021	Link

21	Mrs. Sheetal Barekar	Design Engineering	Runtime Redundancy Reconfigurable Fault-Tolerant Static Random Access Memory	Issue: 5 pp: 169 - 181 Scopus ISSN: 0011-9342	April 2021	[Link](#)
22	Dr. Chhaya Gosavi	International Conference on Nanoelectronics, Nanophotonics, Nanomaterials, Nanobioscience & Nanotechnology	A Machine Learning Approach for Crime Rate Analytics		30 April 2021	
23	Dr. Chhaya Gosavi	6th International conference on "Internet of things, next generation networks and cloud computing" ICINC-2021	Laparoscopic Surgical Phase Recognition using Machine Learning	AT SKNCOE, PUNE	22nd & 23rd May 2021	
24	Mrs.Varsha Pimprale	6th International conference on "Internet of things, next generation networks and cloud computing" ICINC-2021	Early Stage Disease Prediction Using Machine Learning and Image Processing	At SKNCOE, Pune	22nd & 23rd May 2021	
25	Mrs. Varsha Pimprale	International Journal of Scientific Research & Engineering Trends (IJSRET)	Disease Prediction System in New Normal	Vol. 7, Issue 3, ISSN (Online): 2395-566X	May-June-2021	[Link](#)
26	Mrs. Sushila Shelke	International Research Journal of Engineering and Technology (IRJET)	IoT based Breakdown Analysis of Equipments	Vol. 08 Issue: 06 e-ISSN: 2395-0056	June 2021	[Link](#)
27	Mrs. Rita Shelke	NOVYI MIR Research Journal	A residual network architecture for HINDI NER using fast text and BERT Embedding layers	Vol. 06 Issue: 06	June 2021	[Link](#)
28	Mrs. Nutan Deshmukh	International Journal of Scientific Research in	Online Shaming detection on Twitter using Machine Learning	Vol. 5, Issue 6	June 2021	[Link](#)

		Engineering and Management (IJSREM)				
29	Sheetal Barekar	2021 IEEE 12th Latin America Symposium on Circuits and System (LASCAS)	On-Chip Area and Test Time Effective Weak Resistive Open Defect Detection Technique for Cache Memory	DOI: 10.1109/LASCAS51355.2021.9459175	June 2021	[Link](#)

Academic Year 2019-2020

Sr. No.	Author	Type of Journal / Conference	Paper Title	Volume / Issue	Date	Link
1	Dr. Sandhya Arora	International Conference on Advanced Informatics for Computing Research ICAICR 2019	Diagnosis of Psychopathic Personality Disorder with Speech Patterns	Scopus	Sept 2019	[Link](#)
2	Dr. Neeta Maitre	Recent Trends in Communication and Intelligent Systems part of Algorithms for Intelligent Systems published in Springer	An Incremental Approach towards Clustering Short-Length Biological Sequences	Scopus	18th Jan 2020	[Link](#)
3	Rita Shelke	2nd IEEE International Conference on emerging Smart computing and informatics (IEEE ESCI 2020)	A survey on various networks NER in hindi language		12-14 Mar 2020	[Link](#)
4	Mrs. Sheetal Barekar	Test Engineering and Management (Journal)	Detection of resistive open defect fault in SRAM memory array structure for reliability against failures	Vol. 82, no. 3 – 4	Mar 2020	

5	Mrs. Sheetal Barekar	Test Engineering and Management (Journal)	Bridging defect detection for fault diagnosis of on-chip cache memory	Vol. 83, no. 3 – 4	April 2020	
6	Ms. Sushila Shelke	International Conference on Cybernetics, Cognition and Machine Learning Applications, Springer, 2020, published in AIS book series	Origin Identification of a Rumor in Social Network	pp. 89–96	April 2020	Link
7	Rita Shelke	International Journal on Natural Language Computing (IJNLC)	A Novel Approach For Named Entity Recognition On Hindi Language Using Residual BILSTM Network	Vol.9, No.2	April 2020	Link
8	Mr. Hitendra Khairnar	ICCCS 2020 (5th International Conference on Computer and Communications Systems) Shanghai, China	Aggregated Time Series based Vehicular Traffic Path Recommendation	Scopus	15th - 17th May 2020	Link
9	Mrs. Sheetal Barekar and Dr. Chhaya Gosavi	Journal of Critical Reviews	Fault tolerant SRAM array structure for reliability enhancement against failures	Vol. 7, no. 9, pp. 2054-2061	May 2020	Link
10	Mrs. Sakshi Mandke	International Journal of Future Generation Communication and Networking	Device Model Recommendation system using Machine Learning	Vol. 3, No. 3, pp.811-818 ISSN: 2233-7857 IJFGCN, Scopus	June 2020	Link