



PUNE INSTITUTE OF COMPUTER TECHNOLOGY

Department of Computer Engineering

Research papers published during the year 2020-2021

Sr. No.	Name of the Teacher's/Author	Title of the Paper	Name of the Journal/Proceeding/Conference	Level (State / National / International)	Volume & Number / Issue	Year of Publication	ISBN/ISSN No.
1	Prof. Kalyani C. Waghmare, Dr. Balwant A. Sonkamble	Modified K-nearest Neighbor Algorithm with Variant K Values	International Journal of Advanced Computer Science and Applications(IJACSA)	International	Volume 11, Issue 10	2020-2021	ISSN: 2156-5570
2	Dr. Geetanjali V. Kale	A novel and intelligent vision-based tutor for Yogāsana: e-YogaGuru	Machine Vision and Applications	International		2020-2021	ISSN : : 0932-8092
3	Dr. Sarang A. Joshi	Privacy Issues in Portable Data Storage of Cloud Computing	International Journal of Advanced Science and Technology (JAST)	International	Volume 29 Issue 4	2020-2021	ISSN: 2005-4238
4	Dr. Girish P. Potdar	A Study On Various Methodologies Used For Effective Glaucoma Detection	Journal of Seybold Report	International	Volume 15 Issue 9	2020-2021	ISSN: 1533-9211
5	Dr. Mukta S. Takalikar	Efficient Detection of Congestive Heart Failure through Machine Learning	International Journal of Advanced Science and Technology	International	Volume 29, Issue 4	2020-2021	ISSN: 2005-4238
6	Dr. Sheetal S. Sonawane	Fake News Detection: A Survey of Techniques	International Journal of Innovative Technology and Exploring Engineering(IJITEE)	International	Volume 9 Issue 9	2020-2021	ISSN: 383-386

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7	Dr. Sheetal S. Sonawane	Analysis of Different Neural Network Techniques Used for Image Caption Generation	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	International	Volume-9 Issue 10	2020-2021	ISSN: 2278-3075 (Online)
8	Dr. Sarang A. Joshi	DEDA: An Algorithm for Early Detection of Topology Attacks in the Internet of Things	International Journal of Electrical and Computer Engineering(IJECE)	International	Volume 11 Issue 2	2020-2021	ISSN 2088-8708, e-ISSN 2722-2578
9	Prof. Kalyani C. Waghmare, Dr. Balwant A. Sonkamble	Timbre with Note based features for improving performance of Music Classification	International Journal of Advanced Science and Technology, 2020,	International	Volume-29 Issue-3	2020-2021	ISSN:2207-6360
10	Prof. Kalyani C. Waghmare, Dr. Balwant A. Sonkamble	Machine Learning Algorithms for Indian Music Classification Based on Raga Framework	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	International	Volume-9 Issue-11	2020-2021	ISSN: 2278-3075
11	Prof. Anupama D. Phakatkar, Dr. Balwant A. Sonkamble	Hybrid Feature based Classification of Images using Supervised Methods for Tag Recommendation	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	International	Volume-9 Issue-11	2020-2021	ISSN: 2278-3075
12	Prof. Anupama D. Phakatkar Dr. Balwant A. Sonkamble	Tag-based Image Retrieval using Hybrid Visual-Tag Feature Extraction Method	International Journal of Advanced Science and Technology	International	Volume 29, No-4,	2020-2021	ISSN:2005-4238
13	Prof. Anupama D. Dondekar*, Dr. Balwant A. Sonkamble	Image Tag Recommendation based on Ranked Categorical Nearest Neighbors and Weighted Tag Features	Advances in Science, Technology and Engineering Systems	International	Volume 5, Issue 6	2020-2021	ISSN: 2415-6698

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14	Prof. Anupama D. Dondekar*, Dr. Balwant A. Sonkamble	Harmonic Mean based Classification of Images using Weighted Nearest Neighbor for Tagging	International Journal of Advanced Computer Science and Applications(IJACSA)	International	Volume 11 Issue 11	2020-2021	ISSN : 2156-5570 (Online)
15	Prof. Anupama G. Phakatkar	Securing post-e-voting data through Blockchains	International Journal of Current Engineering and Technology	International	Issue 8	2020-2021	E-ISSN 2277 – 4106
16	Prof. Madhuri S. Wakode	Multi-Parameter Based Mango Grading Using Image Processing and Machine Learning Techniques	INFOCom Journal of Computer Science	International	Volume. 19, Issue. 2	2020-2021	ISSN: 1807-4545
17	Prof. Ratnamala P. Paswan	Real-Time Emotion Recognition Of Twitter Posts Using A Hybrid Approach	ICTACT Journal On Soft Computing	International	Volume-10 Issue-4	2020-2021	ISSN: 2229-6956
18	Prof. Pallavi S. Joshi, Prof. Urmila SS. Pawar	Miss Rate Estimation (MRE) an Novel Approach Toward L2 Cache Partitioning Algorithm's for Multicore System	Advances in Intelligent Systems and Computing	International	volume 1171	2020-2021	ISBN 978-981-15-5399-8
19	Prof. Pranjali P. Joshi	A Study of Detecting Anxiety based on social interaction and sentiment	International Journal of Current Engineering and Technology	International	Issue 8	2020-2021	E-ISSN 2277 – 4106
20	Prof. Amar R. Buchade	Microaneurysms Detection using Neural Networks	International Journal of Current Engineering and Technology	International	Issue-8	2020-2021	E-ISSN 2277 – 4106,

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21	Prof. Amar R. Buchade	Monitoring and Detecting Security Attacks in Industrial Automation and Control System	International Journal of Advanced Science and Technology(IJAST)	International	Volume 29 Issue 3	2020-2021	ISSN: 2207-6360
22	Prof. Amar R. Buchade	Survey on Analysis of Security Threats in DNP3 Protocol	International Journal of Scientific & Technology Research	International	Volume 9 Issue 6	2020-2021	ISSN: 2277-8616
23	Prof. Amar R. Buchade	Monitoring and Detecting Security Attacks in Industrial Automation and Control System	International Journal of Current Engineering and Technology	International	Issue-8	2020-2021	E-ISSN 2277 – 4106,
24	Prof. Pravin S. Game	Automatic Command Line Interface Code Generation for REST based Web Services	International Journal of Advanced Science and Technology	International	Volume-29 Issue 4	2020-2021	ISSN: 2005-4238 (Print), ISSN: 2207-6360(Online)
25	Prof. Pravin S. Game	A Survey of Automation in Software Development	International Journal of Advanced Science and Technology	International	Volume-29 Issue 4	2020-2021	ISSN: 2005-4238 (Print), ISSN: 2207-6360(Online)
26	Prof. Pravin S. Game	Forays into Types and Methods of Computer Forensics	International Journal of Advanced Science and Technology	International	Volume-29 Issue 3	2020-2021	ISSN: 2005-4238 (Print), ISSN: 2207-6360
27	Prof. Hemalata P. Channe	Magnetic Resonance Image Based Brain Tumor Multi-classification Using Histogram Equalization and Deep Learning	International Journal of Information Technology and Electrical Engineering	International	Volume 9 Issue 4	2020-2021	ISSN: 2306-708X
28	Dr. Sarang A. Joshi	Personification and Safety during Pandemic of COVID19 using Machine Learning	4th Int. Conf. - International conference of Electronics, Communication and Aerospace Technology (ICECA) 2020	International		2020-2021	E-ISBN:978-1-7281-6387-1

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29	Dr. Sarang A. Joshi	Feature Selection for Embedded Media in the Context of Personification	2020 Second International Conference on Inventive Research in Computing Applications (ICIRCA)	International		2020-2021	E-ISBN:978-1-7281-5374-2
30	Dr. Girish P. Potdar	A Survey on Various Automated Techniques for Choroidal Neovascularization Detection in Wet Age-related Macular Degeneration	Journal of Seybold Report	International	Volume 15 Issue 9	2020-2021	ISSN: 1533-9211
31	Dr. Geetanjali V. Kale	Shuftext: A simple black box approach to evaluate the fragility of text classification models	International Conference on Machine Learning, Optimization, and Data Science	International		2020-2021	ISBN: 978-3-030-95467-3
32	Dr. Geetanjali V. Kale	PARTHA: A Visually Impaired Assistance System	3rd International Conference on Circuits, Systems, Communication and Information Technology Applications (CSCITA)	International		2020-2021	E-ISBN: 978-1-7281-2339-4
33	Dr. Balwant A. Sonkamble	Review of Challenges for Short Term Traffic Forecasting	First Doctoral Symposium on Natural Computing Research (DSNCR 2020), Springer, International Federation for Information Processing,	International		20 20-2021	ISBN:978-981-334-072-5
34	Prof. Shital S Supase Dr. Rajesh B. Ingle	Are Coordinator Election Algorithms in Distributed Systems Vulnerable?	11th International Conference on Computing and Networking Technology (ICCNT)	International		2020-2021	E-ISBN: 978-1-7281-6851-7

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35	Prof. Pravin R. Patil Dr. Rajesh. B. Ingle	Meta-ensemble based classifier approach for attack detection in multi-tenant distributed systems	International Conference for Emerging Technology (INCET 2020)	International	-	2020-2021	E-ISBN: 978-1-7281-6221-8
36	Prof. Pallavi S. Joshi Prof. Urmila S. Pawar	Miss Rate Estimation an Novel Approach toward L2 Cache Partitioning Algorithm's for multicore System	Advances in Intelligent Systems and Computing.	International		2020-2021	ISBN: 978-981-15-5400-1