



**ARMY INSTITUTE OF TECHNOLOGY**  
Dighi Hills, Alandi Road, Pune 411015  
Department of Information Technology



**Publications (Journal): Academic Year (June 2019 - May 2020)**

Sr. No.	Name of 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
01	Dr. Ashwini Sapkal	Fast Converging Magnified weighted sum Back-propagation neural network	Advanced Intelligent Systems and Computing	International Journal	2194-5357	Vol. 1, No. 1	1-8	June 2019	UGC Approved
02	Ms. Vaishali Ingale, Pushpender Singh, Aditi	Datasets for Machine Reading Comprehension: A Literature Review	SSRN's eLibrary	International Journal	1556-5068	Online Version	Online Version	Oct 2019	UGC Approved



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03	Ms. Vaishali Ingale, Pushpender Singh	GenNet : Reading Comprehension with Multiple Choice Questions using Generation and Selection model	arXiv:2003.04360 [cs.CL]	International Journal	Digital Library	NA	Online Version	Mar 20	UGC Approved
04	Mr. G M Walunjkar	Performance Evaluation of Routing Protocols in Large Size Disaster Scenario	International Journal of Recent Technology and Engineering (IJRTE)	International Journal	2277-3878	Vol. 8, No. 2	4200-4204	July 2019	UGC Approved, Scopus Indexed
05	Mr. G M Walunjkar	Performance analysis of routing protocols in MANET	Indonesian Journal of Electrical Engineering and Computer Science	International Journal	2502-4752	Vol. 17, No. 2	1047-1052	Feb 2020	UGC Approved, Scopus Indexed



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06	Y. N. Gholap, Sourav Sharma, Arun Kumar Kushawaha	Automatic License Plate Detection and Recognition Techniques : A Review	International Journal of Scientific Research in Science, Engineering and Technology	International Journal	2394-4099	Vol. 5, No. 10	11-15	March-April-2020	UGC Approved
07	Mrs. Rupali Bagate, Anshaj Upadhyay, Amit, satyajit Singh, Deepa Yadav, Swaraj Surendra Patel	Sarcasm Detection on Tweets using Deep Learning	Test management and engineering series	International Journal	0193-4120`	Vol 83	2049-2057	Apr 2020	UGC Approved, Scopus Indexed
08	Ms. Aparna Joshi	Dynamic Degree Balanced with CPU Based VM Allocation Policy for Load balancing	Journal of Information and Optimization Science (Taylor & Francis)	International Journal	0252-2667 (Print) 2169-0103` (Online)	Vol. 41, No. 2	543-553	May 2020	UGC Approved



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09	Ms. Aparna Joshi, Md. Maniruzzaman, Himanshu Chandel, Devender Singh, Shahid Maula Kamirkar	Enhancement of Road Safety using Accelerometer and Gyroscope	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International Journal	2321-9653	Vol. 8, No. 5	169-175	May 2020	UGC Approved
10	Ms. Aparna Joshi, Mrs. Rupali Bagate	Assessment of feature selection for student academic performance through machine learning classification	Journal of Statistics and Management Systems (Taylor & Francis)	International Journal	0972-0510, 2169-0014	Vol. 22, No. 4	729-739	Jun 2019	UGC Approved, Scopus Indexed



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**Publications (Conference): Academic Year (June 2019 - May 2020)**

Sr. No.	Name of Authors	Title of paper	Name of Conference	Local level/State Level/National/International	ISSN	Page No.	Date/Year of Conference	Indexing if any
1.	Dr (Mrs) Sangeeta Jadhav	A Comprehensive Survey of Different Phases for Involuntary System for Face Emotion Recognition	3rd International Conference on Recent Trends in Image Processing & Pattern Recognition	International Conference	-	-	Jan 2020	-
2.	Dr (Mrs) Sangeeta Jadhav	A Discriminative Model for Multiple People Detection	International conference on Signal and Data Processing (ICS DP-2019)	International Conference	-	-	Nov 2019	-
3.	Dr (Mrs) Sangeeta Jadhav	Road Extraction Techniques from Remote Sensing Images: Review	International Conference on Sentimental Analysis and Deep Learning	International Conference	-	-	Apr 2020	Springer Proceedings
4.	Dr Ashwini Sapkal	Fast Converging Magnified weighted sum Backpropagation	International Conference on Soft Computing and Signal Processing	International Conference	2194-5357	27-32	Jun 2019	-



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5.	Mr. G M Walunekar	A Reinforcement Learning Approach for Evaluation of Disaster Relief	IEEE 2019 International Conference On Cutting-edge Technologies in Engineering	International Conference	1728100011, 9781728100012	-	Nov 2019	IEEE
6.	Mrs. Rupali Bagate	Different Approaches in Sarcasm Detection: A Survey	Intelligent Data Communication Technologies and Internet of Things 2019 Conference Springer LNNS Series	International Conference	978-3-030-34079-7	425-433	Nov 2019	-
7.	Mrs. Rupali Bagate	Sarcasm Detection on Tweets using Deep Learning	ICPC - Scopus The Mattingly Publishing co.in	International Conference	0193-4120	20-49	Mar 2020	-
8.	Mrs. Aparna Joshi	Dynamic degree balanced with CPU based VM allocation policy for load balancing	International Conference on Sustainable Computing in Science, Technology & Management (SUSCOM-2020)	International Conference	-	-	Jan 2020	-



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**Book Article/ Chapter published: Academic Year (June 2019 - May 2020)**

Sr. No.	Name of Authors	Title	ISBN	National/International	Vol	Page No.	Publisher Details	Date/Year
1.	Dr (Mrs) Sangeeta Jadhav	A Survey on Human Group Activity Recognition by Analyzing Person Action from Video Sequences Using Machine Learning Techniques (BOOK CHAPTER)	978-981-15-0994-0	International	1	141-153	Optimization in Machine Learning and Applications	Jan 2020
2.	Dr (Mrs) Sangeeta Jadhav	A Discriminative Model for Multiple People Detection	978-981-15-8391-9	International	1	491-498	Advances in Signal and Data Processing	May 2020
3.	Dr (Mrs) Sangeeta Jadhav	A Comprehensive Survey of Different Phases for Involuntary System for Face Emotion Recognition	978-981-16-0507-9	International	1	169-182	Recent Trends in Image Process	Jan 2020



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1	Dr. Ashwini Sapkal, Mrs. Vaishali Ingale	Book on Artificial Intelligence for BATU,	-	Local	Artificial Intelligence for BATU, Lonare	First	Aug 2019