



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



Publications (Journal): Academic Year (July 2020 – June 2021)

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
01	Dr. Rahul Desai, Deepanshu Kumar Jha, Rekita Supyal, Kritika Suman, Shweta Patil	User Classification in Keystroke Dynamics Using Autoencoder And Support Vector Classifier(SVC)	Journal of Engineering and Architecture	International	1934-7197	Vol. 10, No. 7	28-34	Jul 2020	-
02	Mrs. Aparna Joshi, Shyamala Devi (External)	Enhancement of Performance Parameter of Cloud Using Dynamic Degree Balanced with Membership Value Algorithm	International Journal of Advanced Research in Engineering and Technology (IJARET)	International	ISSN PRINT : 0976-6480 ISSN ONLINE :0976-6499	Vol. 11, No. 8	664-676	Aug 2020	-
03	Gajanan Walunjkar, Dr. Rahul Desai & Bhavesh Singh Bisht	Face Recognition Attendance System Using Deep Learning	Journal of Engineering, Computing & Architecture	International	1934-7197	Vol. 10, No. 11	70-76	Nov 2020	-



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04	Mr. Aman Mishra, Mr. Ashish Kumar Bisoi, Dr. Rahul Desai, G M Walunjkar	Deep Learning Approach for Driver Activity Recognition in Intelligent Vehicles	Pensee Journal	International	0031- 4773	Vol. 50, No. 11	396- 403	Dec 2020	-
05	Mr. G M Walunjkar, Anne Koteswara Rao (External), V. Srinivasa Rao(External)	Disaster Relief management using Reinforcement Learnin g based Routing	International Journal of Business Data Communicatio n and Networking (IGI Publishing)	International	15480631 , 1548064 X	Vol. 17, No. 1	24- 36	Jan 2021	Scopus indexed
06	Devansh Dixit, Aparna Joshi, A. Dhanancheyan, Divanshu Tiwari, Gaurav Bhatt	Text-To-Speech Synthesis using Melspectograms and WaveNet	Journal of Engineering, Computing & Architecture	International	1934- 7197	Vol. 11, No. 4	46- 52	Apr 2021	-
07	R Benjamin Franklin, Rakesh, Rohit Kumar, Pritika Prasad, Prof. Dr. Rahul Desai	Neural Network Classification Of Blood Cell Images Using Multiperceptron Backpropagation	International Journal Of Innovative Research In Computer And Communicatio n Engineering	International	2320- 9801, 2320- 9798	Volume- 9 issue-4	3174 - 3179	May 2021	-



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08	Mrs. Aparna Joshi, Shayamala Devi Munisamy(External)	Enhancement of cloud performance metrics using dynamic degree memory balanced allocation algorithm	Indonesian Journal of Electrical Engineering and Computer Science	International	2502- 4752	Volume- 22 issue- 3	1697 - 1707	June 2021	Scopus indexed
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Publications (E-Content): Academic Year (July 2020 – June 2021)

	Name Authors	Title of paper	Name of Database	National/ International	ISSN No.	Vol/Issue No.	Page No.	Date/ Year	Indexing Scopus/ SCI/SCIE/ WoS/UGC Approved/ Other
1	Vaishali Ingale, Rishabh Singh, Pragati Patwal	Image To Image Translation : Generating Maps From Satellite Images	arXiv.org (Computer Science)	International	2105- 09253	-	-	May 2021	Online Database
2	Rupali Amit Bagate	A Survey Paper on state of Sarcasm detection and explainable AI	SSRN Elsevier Database	International		-	-	June 2021	Online Database



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Publications (Conference): Academic Year (July 2020 - June 2021)

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
01	Dr (Mrs) Sangeeta Jadhav	Comparative Study of Low Energy Adaptive Clustering Hierarchy Protocols	Virtual International Conference in Futuristic Communication and Network technologies	International	-	-	Nov 2020	-
02	Mr. Aman Mishra, Dr. Rahul Desai, Prof. G M Walunjkar	Analysis of Different Protocols for Ad Hoc Networks under different Mobility models	Advancement in Electronics & Communication Engineering (AECE-2021)	International	-	-	20-21 Jan 2021	-
03	Nikhil Kumar Ashish Singh PLV Sai Pawan Nabhishek Singh Dr. Rahul Desai	Computational Trading: Making Algorithms Using Python and ML	International Baku Scientific Research Conference, Baku, Azerbaijan Odlar Yurdu University	International	978-605-70554-7-7	244	28-30 April 2021	-
04	Aman Mishra Pankaj Kumar Ashish Kumar Bisoi Yogesh Kumar Sharma	A Deep Learning Approach for Driver Activity Recognition in Intelligent Vehicles	International Baku Scientific Research Conference, Baku, Azerbaijan Odlar Yurdu University	International	978-605-70554-7-7	27	28-30 April 2021	-



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06	Mr. Gajanan Walunjkar, Abhishek Kumar Singh, Jagmohan Singh, Bhupendra Yadav, Neeraj Kumar	Deep Learning for Bearing Fault Diagnosis	International Asian Congress on Contemporary Sciences-V	International	-	240	1-2 Jun 2021	-
07	Mr. Benjamin, Mr. Rohit Kumar, Mr. Rakesh, Ms. Pritika Prasad, Dr. Rahul Desai	Neural network classification of blood cell images using multiperceptron backpropagation	International Baku Scientific Research Conference, Baku, Azerbaijan Odlar Yurdu University	International	978-605-70554-7-7	354	28-30 April 2021	-
08	Aman Mishra, Dr. Rahul Desai	Keystroke Dynamics and Various Authentication Approaches	International Asian Congress On Contemporary Sciences-V	International	-	217	1-2 Jun 2021	-



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Book Article/ Chapter published: Academic Year (July 2020 - June 2021)

Sr. No.	Name Authors	Title	ISBN	National/ International	Vol	Page No.	Publisher Details	Date/Year
01	Dr (Mrs) Sangeeta Jadhav, Dhanashri Patil	Road Extraction Techniques from Remote Sensing Images: A Review	978-981-15-9651-3	International	59	663-677	Innovative Data Communication Technologies and Application (Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT,) - Springer, Singapore	Feb 2021
02	Dr (Mrs) Sangeeta Jadhav, Dipti Pandit (External)	A Comprehensive Survey of Different Phases for Involuntary System for Face Emotion Recognition	978-981-16-0507-9	International	1380	169-182	Communication in Computer and Information Science (CCIS), Springer – 2021 (Extended Paper presented at 3rd Biennial International Conference on “Recent Trends in Image Processing and Pattern Recognition	Feb 2021



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							(RTIP2R, 2020)" organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad in collaboration with University of South Dakota, USA	
03	Dr (Mrs) Sangeeta Jadhav, Smita S. Kulkarni (External)	A Discriminative Model for Multiple People Detection	978-981-15-8391-9	International	703	491-498	Advances in Signal and Data Processing - Select Proceedings of ICSDP 2019	Jan 2021



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Sr. No.	Name of Authors	Title	ISBN	Local/ National/ International	Publisher Details	Edition	Date/Year
01	Prof. Rupali Bagate	Object Oriented Programming	-	Local	Technical Publication	1 st Edition	Aug 2020
02	Mrs. Vaishali Ingale, Dr. Ashwini Sapkal	Artificial Intelligence Deep Learning	978-93-90506-80-4	Local	Nirali Publication	1 st Edition	Dec 2020