



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



**Publications (Journal): Academic Year (June 2018 - May 2019)**

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	Impact factor (SJR/JCR)
01	Dr. (Mrs) Sangeeta Jadhav	Spectral Efficient Blind Channel Estimation Technique for MIMO-OFDM Communications	International Journal of Advances in Applied Science	International Journal	2252-8814	Vol. 7, No. 6	286-297	September 2018	UGC Approved	-
02	Dr. (Mrs) Sangeeta Jadhav	Insight on Blind Channel Estimation of MIMO- OSTBC using Higher Order Statistics with Kalman Filter (HOS-KF)	Helix Scientific Explorer	International Journal	3431-3437	Vol. 8, No. 4	3431-3437	Aug 2018	UGC Approved	-



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03	Dr (Mrs.) Sangeeta Jadhav	Spectral and Power Efficient Blind Channel Estimation Technique for MIMO-OFDM Communications	Jour of Adv Research in Dynamical & Control Systems	International Journal	1943-023X	Vol. 10, No. 8	93-106	July 2018	UGC Approved	-
04	Dr (Mrs.) Sangeeta Jadhav	Novel Spectral Efficient Technique for MIMO-OFDM Channel Estimation with Reference to PAPR and BER Analysis	Wireless Personal Communications	International Journal	1572-834X	Vol. 104	1227-1242	Nov 2018	UGC Approved, Scopus Indexed	1.2
05	Dr (Mrs.) Sangeeta Jadhav	Cloud Chain-Revamp health record system using block chain	International Journal for research in Applied Science and Engineering Technology (IJRASET)	International Journal	2321-9653	Vol. 7, No. 5	10-11	May 2019	UGC Approved	-
06	Dr. Rahul Desai	Devanagari Character Recognition using Machine Learning	International Journal of Research in Applied Science and Engineering Technology	International Journal	2321-9653	Vol. 7, No. 3	22-26	Apr 2019	UGC Approved	-



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07	Dr. Rahul Desai	A Survey of Fraud Detection Techniques: Approach Oriented Perspective	International Journal of Research in Applied Science and Engineering Technology	International Journal	2321-9653	Vol. 7, No. 3	13-18	Apr 2019	UGC Approved	-
08	Ms. Ashwini Sapkal	Leaf disease diagnosis using online and batch back-propagation	International Journal of Computer Sciences and Engineering	International Journal	2347-2693	Vol. 6, No. 6	362-366	Jun 2018	UGC Approved	-
09	Ms. Ashwini Sapkal	Comparative study of leaf disease diagnosis system using texture features and deep learning features	International Journal of Applied Engineering Research	International Journal	0973-4562	Vol. 13, No. 19	1433-1434	Jun 2018	UGC Approved	-
10	Mr. G M Walunjkar	Smart Attendance System Using Facial Recognition	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International Journal	2321-9653	Vol. 7, No. 4	1064-1069	Apr 2019	UGC Approved	-



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11	Ms. Aparna Joshi	Performance Parameters Review of Workflow Scheduling in Public Cloud	International Journal of Pure and Applied Mathematics	International Journal	1314-3395	Vol. 119, No. 16	5005-5017	Aug 2018	UGC Approved, Scopus Indexed	0.14
12	Ms. Aparna Joshi	A Survey of Job Scheduling Algorithms for Load Balancing in Hadoop Environment	International Journal of Pure and Applied Mathematics	International Journal	1314-3395	Vol. 119, No. 16	5033-5046	Aug 2018	UGC Approved, Scopus Indexed	0.14
13	Ms. Aparna Joshi	An Intelligent Cloud Based Data Processing Model for Mobile Health	International Journal of Advanced Research in Computer and Communication Engineering	International Journal	ISSN (Online) 2278-1021 ISSN (Print) 2319-5940	Vol. 8, No. 3	64-68	Mar 2019	UGC Approved	-



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**Publications (Conference): Academic Year (June 2018 - May 2019)**

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
01	Dr. Ashwini Sapkal	Modified Backpropagation with added white Gaussian noise in weighted sum for convergence improvement	8th International Conference On Advances In Computing & Communications	International Conference	1877-0509	309-316	Sep 2018	-
02	Dr. Ashwini Sapkal	Ganga Water Quality Monitoring System IoT Based	IEEE Pune Section Conference 2018 (IEEE Punecon 2018)	National Conference	978-1-5386-7278-5	1-5	Dec 2018	-
03	Dr Ashwini Sapkal	Detection of Diabetic Retinopathy using Convolutional Neural Networks	International Conference on Communication and Information Processing	International Conference	Elsevier	Online	May 2019	-
04	Mrs. Vaishali Ingale	Object Detection using Convolutional Neural Network	International Conference on Communication and Information Processing	International Conference	Elsevier	Online	May 2019	-
05	Mr. G M Walunjkar	Simulation and Evaluation of Different Mobility	2019 4th International Conference on Recent Trends on Electronics, Information,	International	IEEE Xplore digital	Online	May 2019	-



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		Models in Disaster Scenarios	Communication & Technology (RTEICT-2019)		Library			
06	Mr. Y V Gholap, Chanchal Kumar Roshan; Ranjeet Kaushal; Sha Alam; Shashank Rai	Text Extraction from videos using MapReduce	International Conference on Intelligent Computing and Control Systems (ICCS)	International Conference	978-1-5386-8114-5	431-434	May 2019	-
07	Mrs Aparna Joshi	Cultivar Prediction of Target Consumer Class using Feature Selection with Machine Learning Classification	2nd National Conference on Cyber Security , Image Processing, Graphics, Mobility and Analytics(NCCSIGMA2K19)	National Conference	978-3-030-24321-0	604-612	Jan 2019	Published in Springer's book series entitled "Learning and Analytics in Intelligent Systems
08	Mrs Aparna Joshi	Task Scheduling Performance Evaluation of Unreliable Virtual Machines and Cloudlets	2nd National Conference on Cyber Security , Image Processing, Graphics, Mobility and Analytics(NCCSIGMA2K19)	National Conference	978-3-030-24321-0	671-678	Jan 2019	Published in Springer's book series entitled "Learning and Analytics in Intelligent Systems
09	Mrs Aparna Joshi, Mrs. Rupali Bagate	Design of IoT Blockchain Based Smart Agriculture for Engineering	International Conference on Emerging Technologies In Computer Engineering "Micro services in Big Data	International Conference	978-981-13-8300-7	7-19	Feb 2019	-



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		Safety and security	Analytics", Springer CCIS Series					
10	Mrs. Rupali Bagate	Movie Recommendation using clustering and nearest neighbour	International Conference on Intelligent Computing and Control Systems [ICICCS 2019]	International Conference	IEEE Xplore digital Library	Online	May 2019	-
11	Mrs. Nilima Walde	Video Summarization: Study of various Techniques	International Conference on Electrical, Electronics, Computer Science and Information Technology	International Conference	-	-	May 2019	-



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**Book Article/ Chapter published: Academic Year (June 2018 - May 2019)**

<b>Sr. No.</b>	<b>Name of Authors</b>	<b>Title</b>	<b>ISBN</b>	<b>National/International</b>	<b>Vol</b>	<b>Page No.</b>	<b>Publisher Details</b>	<b>Date/Year</b>
01	Dr (Mrs) Sangeeta Jadhav	Blind Channel Estimation Using Novel Independent Component Analysis with Pulse Shaping for Interference Cancellation	ISBN 978-3-319- 61387-1 ISBN 978- 3-319-61388-8 (eBook)	International	-	-	Springer International Publishing AG 2018	Jul 2018





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01	Dr. Ashwini Sapkal, Mrs. Vaishali Ingale	Artificial Intelligence (2015 Pattern) BE E&TC	938819487-X	Local	Nirali Publication	First	Aug 2018