Society for Computer Technology and Research's
Pune Institute of Computer Technology
Department of Electronics & Telecommunication Engineering
PUBLICATIONS AY:2019-20

Sr. No.	Name of Author(s) from PICT	Title of the Paper	Name of Journal	Volume No./Issue	Page Number	Year of Publication	ISSN number	Publisher /Indexing
1	Dr. R. C. Jaiswal	A gesture based home automation system	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	Volume 7 Issue 12	501 -517	2020	2321-9653	Referred
2	Z. Ahmed	A hybrid approach to improve the clipping technique of paper reduction in OFDM	International Journal of Interdisciplinary Innovative Research and Development (IJIIRD)	Volume 4 Issue 2	NA	2020	2456-236X	Referred
3	Dr. Y. Ravinder	A statistical approach to spectrum sensing using bayes factor and p-values	International Journal of Electrical and Computer Engineering	Volume 9 Issue 4	2910 -2917	2019	2088-8708	SCI
4	Dr. M. V. Munot, Dr. R. Sreemathy	An efficient approach for detection of autism spectrum disorder using electroencephalography signal	IETE –T and F Online	NA	NA	2019	NA	SCI
5	Dr. R. C. Jaiswal	Application of digital signature to achieve secure transmission	International Journal for Research in Applied Science and Engineering Technology	Volume 7 Issue 11	150 -153	2019	2321-9653	Referred

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			(IJRASET)					
6	Dr. R. C. Jaiswal	Augmented reality based attendee interaction at events	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	Volume 8 Issue 17	1578	2020	2321-9653	Referred
7	Dr. R. C. Jaiswal	Automatic gate monitoring system	Journal of Emerging Technologies and Innovative Research	Volume 6 Issue 1	88 -94	2019	2349-5162	Referred
8	Dr. R. C. Jaiswal	Autonomous vehicle prototype development and navigation using ROS	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	Volume 7 Issue XI	510 -514	2019	2321-9653	Referred
9	S. K. Choubey	Cat swarm optimization based functional link multilayer perceptron for suppression of gaussian and impulse noise from computed tomography images	Current Medical Imaging	Volume 16	139 -141	2019	NA	Scopus
10	Dr. R. C. Jaiswal	Cosmetics application using computer vision	Journal of Emerging Technologies and	Volume 7 Issue 6	824 -829	2020	2349-5162	SCI

Sr. No.	Name of Author(s) from PICT	Title of the Paper	Name of Journal	Volume No./Issue	Page Number	Year of Publication	ISSN number	Publisher /Indexing
			Innovative Research (JETIR)					
11	Dr. R. Sreemathy, Dr. M. V. Munot	Design and development of patch textile-antenna	Adbu Journal of Engineering Technology(AJET)	Volume 8 Issue 2	NA	2019	NA	SCI
12	Dr. G. V. Bansod	Design and implementation of a lightweight encryption scheme for wireless sensor nodes	Springer Intelligent Computing	AISC 998	566 - 581	2019	978-3-030-22868-2	Referred
13	Dr. G. V. Bansod	Design and implementation of novel data path designs of lightweight cipher rectangle for resource constrained environment	Multimedia Tools and Applications	Volume 78	23659 - 23688	2019	NA	SCI
14	Dr. G. V. Bansod	Design and implementation of various data path architectures for the ANU lightweight cipher on an FPGA	Frontiers of Information Technology and Electronic Engineering, Springer Journal	Volume 21	615 -628	2019	2095-9184	SCI
15	V. B. Vaijapurkar, Dr. Y. Ravinder	Development of tactile display and an efficient approach to enhance	Advances in Science, Technology and Engineering Systems	Volume 4 Issue 4	NA	2019	2415-6698	SCI

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		perceptual analysis in rehabilitation	Journal					
16	Dr. S. K. Moon	Forensic software and hardware based audio-video crypto steganalysis model for enhancing robustness, embedding capacity, imperceptibility and information security	Inderscience International Journal on Special Issue of Multimedia Information Security Solutions on Social Networks	NA	NA	2019	NA	SCI
17	Dr. R. C. Jaiswal	Head mounted display	International Journal for Research in Applied Science and Engineering Technology	Volume 45 Issue 98	535 - 541	2019	2321-9653	Referred
18	Dr. R. C. Jaiswal	Home renovation using augmented reality	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 7 Issue 6	682	2019	2349-5162	Referred
19	D.M. Shinde	Identification of pests and diseases using alex-net	International Journal of Innovations in Engineering Research and Technology (IJIERT)	Volume 7 Issue 4	NA	2020	2394-3696	SCI

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20	Dr. M. V. Munot	Intelligent companion for blind : smart stick	International Journal of Innovative Technology and Exploring Engineering	Volume 8 Issue 10	4251 - 4256	2019	2278-3075	Scopus
21	Dr. G. V. Bansod	Lightweight data path implementation of anu cipher for resource-constrained environments	Advances in Intelligent Systems and Computing Book Series	AISC 998	834 -846	2019	NA	Referred
22	Dr. R. C. Jaiswal	Multiple camera based surveillance system using raspberry pi	International Journal of Research and Analytical Reviews	Volume 6 Issue 1	1635	2019	2348-1269	Referred
23	Dr. R. C. Jaiswal	Pillars of object oriented system	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	Volume 45 Issue 98	589	2019	2321-9653	Referred
24	Dr. R. C. Jaiswal	Scalable healthcare sensor network	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 6 Issue 2	350 -354	2019	2349-5162	SCI
25	Dr. R. Sreemathy, S. D. Hake	Slit loaded textile microstrip antennas	IETE Journal of Research	NA	NA	2020	0377-2063	SCI

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26	Dr. R. C. Jaiswal	Stock market prediction using machine learning and robotic process automation	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 6 Issue 6	926 -929	2019	2349-5162	Referred
27	Dr. R. C. Jaiswal	Stock market study using supervised machine learning	International Journal of Innovative Science and Research Technology (IJISRT)	Volume 5 Issue 1	190	2020	2456-2165	Referred
28	Dr. R. C. Jaiswal	Voice and android application controlled wheelchair	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 6 Issue 6	635 - 637	2019	2349-5162	Referred
29	Dr. G. V. Bansod	A fast and efficient datapath designs of lightweight cipher roadrunner on FPGA's for resource constrained environments	The Sixth IEEE International Conference on Internet of Things: Systems, Management and Security	NA	NA	2019	9781-7281	Referred
30	Dr. M. V. Munot, Dr. R Sreemathy	An efficient approach to fruit classification and grading using deep convolutional neural network	IEEE Conference IEEE 5th International Conference for Convergence in Technology	NA	NA	2019	978-1-5386-8075-9	Referred

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31	Dr. S. V. Gaikwad	Design and analysis of log periodic dipole array antenna	ICTACT Microelectronics	NA	NA	2019	2395-1680	Referred
32	M.R. Kale	Holistic and component-based approaches in facial expression recognition for performing arts	TENCON'19	NA	NA	2019	2159-3450	Referred
33	M.R. Kale	Classification of expressions in Indian classical dance using LBP	INDICON'19	NA	NA	2019	2325-9418	Referred
34	M. N. Kakade	An automatic real time speech speaker recognition system: a real time approach	ICCCE 2019 Proceedings of the 2nd International Conference on Communications and Cyber-Physical Engineering	NA	NA	2019	NA	NA