



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT
(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Accredited 3 years by NBA, New Delhi (Validity: 26-07-2018 to 30-06-2021)

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Detail of Publications by Faculty Members

Year: 2020-2021

SL. No	Name of the Faculty	Title of the Paper	Publication details/Citation details	Paper link	Journal link
1	Dr. Manjunatha prasad	A Selection of an Optimal Framework Identifying the Prominent Autism Risk Gene Biomarkers from Gene Expression Data Using Neural Network	SN Computer Science volume 2, Article number: 241 (2021)	https://link.springer.com/article/10.1007/s42979-021-00559-y	https://www.springer.com/journal/42979
2	Dr. Karibasappa K	Study of LDPC decoders with quadratic residue sequence for communication system	International journal of information and computer security, vol 13, no.1, 2020	https://www.inderscienceonline.com/doi/abs/10.1504/IJICS.2020.108122?journalCode=ijics	https://www.inderscience.com/jhome.php?journalCode=ijics
3	Dr. Sumaiya. MN	A Survey on Different Modulation Techniques in Satellite Miniature	Journal of Telecommunication Study Volume-5, Issue-2 (May-August, 2020)	http://matjournals.in/index.php/JTS/article/view/5326	http://matjournals.com/Journal-of-Telecommunication-Study.html

		Technology			
		Water Quality Assessments Using Remote Sensing Images and Analog Sensors	Journal of Remote Sensing GIS & Technology, Volume-6, Issue-2 (May-August, 2020)	http://matjournals.in/index.php/JORSGT	http://matjournals.in/index.php/JORSGT
4	Dr.Roopa Kulkarni	Power Optimization of a 32-Bit ALU Using Distributed Clock Gating Technique	Advances in Electrical and Computer Technologies, Lecture Notes in Electrical Engineering 672, https://doi.org/10.1007/978-981-15-5558-9_71 , 2020	https://link.springer.com/chapter/10.1007/978-981-15-5558-9_71	https://www.springer.com/gp/book/9789811555572
5	Hareesh kumar	Design and computational analysis of photonic crystal sensor to detect acoustic signal	International Journal of Information Technology DOI: 10.1007/s41870-020-00608-4 , January 2021	https://www.researchgate.net/publication/348734056_Design_and_computational_analysis_of_photonic_crystal_sensor_to_detect_acoustic_signals_for_underwater_applications_using_finite_difference_time_domain_algorithm	https://www.springer.com/journal/141870
		Characterization of Hydroacoustic Optical Fibre Bragg Grating Pressure Sensor Using Different Materials	Results in Optics Volume 2, January 2021, 100037	https://www.sciencedirect.com/science/article/pii/S2666950120300377	https://www.sciencedirect.com/journal/results-in-optics
		Development of an IOT-Based Atmospheric Fine Dust Monitoring System	A Roadmap Ahead (Springer) Chapter 12 (ISBN:978-3-030-39047-1), February 2020. (Scopus Indexed)	https://link.springer.com/chapter/10.1007/978-3-030-39047-1_12	https://link.springer.com/chapter/10.1007/978-3-030-39047-1_12
		A Robust Multiple Moving Vehicle Tracking for	Advances in Machine Learning and Computational Intelligence. Algorithms for Intelligent	https://link.springer.com/chapter/10.1007/978-981-15-5243-4_9	https://www.springer.com/gp/book/9789811552427

		Intelligent Transportation System.	Systems.Springer, Singapore, https://doi.org/10.1007/978-981-15-5243-4_9 , 2020		
		Analysis of SVM Technique for Vehicle Classification	Solid State Technology, Volume. 63, issue. 6.	https://solidstatetechnology.us/index.php/JSST/issue/view/49	https://solidstatetechnology.us/index.php/JSST/issue/view/49
		Vehicle tracking and speed estimation using view-independent traffic cameras	Int. J. Applied Pattern Recognition, Vol. 6, No. 2, 2020	https://www.inderscience.com/info/inarticle.php?artid=111531	https://www.inderscience.com/jh/ome.php?jcode=ijapr
6	Mrs. Tripti R Kulkarni	IOT Based Precision Agriculture with Predictive Analysis.	Journal of Seybold Report ISSN NO: 1533-9211, VOLUME 15 ISSUE 8 2020	https://seyboldjournal.com/	https://seyboldjournal.com/
		Early and noninvasive screening of common cardiovascular related diseases such as diabetes and cerebral infarction using photoplethysmograph signals	1. Results in Optics, Volume 3, 2021,100062, ISSN 2666-9501, https://doi.org/10.1016/j.rio.2021.100062 .(https://www.sciencedirect.com/science/article/pii/S2666950121000109) (ELSEVIER)- WEB OF SCIENCE	Results in Optics	https://www.sciencedirect.com/science/article/pii/S2666950121000109
		Performance Evaluation of Deep Learning Models in Detection of	International Journal of Information Technology(BJIT) An Official Journal of Bharati Vidyapeeth's Institute of Computer Applications.	International Journal of Information Technology(BJIT) An Official Journal of Bharati Vidyapeeth's Institute of Computer Applications	https://doi.org/10.1007/s41870-021-00795-8

		Different Types of Arrhythmia Using Photo plethysmography Signals	ISSN 0973-5658, Int. j. inf. tecnol. September 25th (2021). https://doi.org/10.1007/s41870-021-00795-8 (SPRINGER-SCOPUS-UGC APPROVED)		
		Empirical Mode Decomposition Based Signal Denoising And Heart Rate Estimation From PPG Signal	International Journal Of Current Engineering And Scientific Research (IJCESR), SN (PRINT): 2393-8374, (ONLINE): 2394-0697, VOLUME-8, ISSUE-5, 2021, DOI:10.21276/ijcesr	International Journal Of Current Engineering And Scientific Research (IJCESR)	DOI:10.21276/ijcesr