

Dr.N.M.NANDHITHA,
 DEAN, SCHOOL OF ELECTRICAL AND ELECTRONICS ENGINEERING,
 SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
 CHENNAI.

LIST OF PUBLICATIONS

S.NO	TITLE	CITED BY	YEAR
1	Deep Learning Techniques for Flaw Characterization in Weld Pieces from Ultrasonic Signals K Sudheera, NM Nandhitha, VPBV Sai, NV Kumar Russian Journal of Nondestructive Testing 56 (10), 820-830		2020
2	Performance Evaluation of Conventional CNN Architectures and Modified ALEXNET for the Classification of Potatoes by Thermal Imaging MA Muthiah, E Logashanmugam, NM Nandhitha, D Hariteja Russian Journal of Nondestructive Testing 56 (9), 718-726		2020
3	Feasibility of spectral domain techniques for the classification of non-stationary signals TTM Delsy, NM Nandhitha, BS Rani Journal of Ambient Intelligence and Humanized Computing, 1-8	3	2020
4	Simulation and Design of Beta Filter for Tokamak Diagnostics NL Deepika, P Manasa, LJA Marcilin, NM Nandhitha IOP Conference Series: Materials Science and Engineering 590 (1), 012046		2019
5	Design and Implementation of C III Filter for Measuring Disruption in Aditya Tokamak LJA Marcilin, NM Nandhitha, G Sam, MGJ Chitra IOP Conference Series: Materials Science and Engineering 590 (1), 012047		2019
6	Optimization of Thin film for the design of H-Alpha Filter LJA Marcilin, NM Nandhitha, RK Mathi IOP Conference Series: Materials Science and Engineering 590 (1), 012045		2019
7	An Asynchronous Low Power Viterbi Decoder Implemented With Gate Diffusion Input Technique B Velan, NM Nandhitha		2019

S.NO	TITLE	CITED BY	YEAR
	2019 2nd International Conference on Power and Embedded Drive Control ...		
8	A Survey On The Design Of Thin Film Optical Bandpass Filter For Diagnosis In Aditya Tokamak LJA Marcilin, NM Nandhitha 2019 2nd International Conference on Power and Embedded Drive Control ...		2019
9	Computer Aided Radiograph Interpretation Tool for Defect Characterization from Weld Plates K Sudheera, NM Nandhitha Russian Journal of Nondestructive Testing 55 (6), 481-488	5	2019
10	Development of Deep Learning algorithms for Brain Tumor classification using GLCM and Wavelet Packets K Srinivasan, NM Nandhitha Caribb. J. Sci 53, 1222-1228	1	2019
11	Design of Linear Plasma Position Controllers with Intelligent Feedback Systems for Aditya Tokamak. NM Nandhitha International Journal of Electrical & Computer Engineering (2088-8708) 8		2018
12	Mathematical Relationship Between Hotspot Temperature, Emissivity and Distance in Thermographs for Condition Monitoring of Electrical Equipments MS Sangeetha, NM Nandhitha, S Karthikeyan, N Venkatesh 2018 2nd International Conference on Trends in Electronics and Informatics ...		2018
13	Enhanced Mining of Audio Signals from Optimal Intrinsic Mode Functions Through Statistical Analysis AJ Albin, NM Nandhitha, SE Roslin 2018 2nd International Conference on Trends in Electronics and Informatics ...		2018
14	Two-dimensional stockwell transform based image fusion for combining multifocal images EM Babu, SD Maniks, NM Nandhitha, N Selvarasu, SE Roslin, ... 2017 International Conference on Intelligent Sustainable Systems (ICISS ...	1	2017

S.NO	TITLE	CITED BY	YEAR
15	Design of cascaded wavelet filters for removing grain noise in weld radiographs K Sudheera, NM Nandhitha, KL Narayan, K Kunalan 2017 International Conference on Intelligent Computing and Control Systems ...		2017
16	Spectral statistical analysis of low frequency coefficients from diagnostic signals depicting MHD disruptions TTM Delsy, NM Nandhitha, RL Tanna, J Ghosh 2017 International Conference on Circuit, Power and Computing Technologies ...	1	2017
17	Study on the impact of distance and emissivity measurement for condition monitoring of electronic circuit boards MS Sangeetha, NM Nandhitha 2017 International Conference on Communication and Signal Processing (ICCSP ...		2017
18	A study on denoising techniques eliminating impulse noise and artifacts J Jenifer, K Vasanth, G Harshitha, NM Nandhitha 2017 Third International Conference on Science Technology Engineering ...		2017
19	Flux controlled BLDC motor for automated glass cleaning robot T Anand, SK Kushwaha, SE Roslin, NM Nandhitha 2017 Third International Conference on Science Technology Engineering ...	2	2017
20	Improved active contour modelling for isolating different hues in infrared thermograms MS Sangeetha, NM Nandhitha Russian Journal of Nondestructive Testing 53 (2), 142-147	5	2017
21	Advanced image segmentation techniques for accurate isolation of abnormality to enhance breast cancer detection in digital mammographs V Vedanarayanan, NM Nandhitha Biomedical Research	6	2017
22	Feasibility of Soft Computing Techniques in Predicting Plasma Position in Aditya Tokamak JF Roseline, NM Nandhitha		2016

S.NO	TITLE	CITED BY	YEAR
	Journal of Computational and Theoretical Nanoscience 13 (11), 9057-9063		
23	Suitability of gabor filter for denoising and contrast enhancement of digital mammograms V Vedanarayanan, NM Nandhitha 2016 Second International Conference on Science Technology Engineering and ...	3	2016
24	Multilevel thresholding technique for contrast enhancement in thermal images to facilitate accurate image segmentation MS Sangeetha, NM Nandhitha Indian Journal of Science and Technology 9 (6), 1-7	4	2016
25	Optimization of feature vectors for art classifier in language independent speaker recognition system for biometric security AJ Albin, NM Nandhitha Biomedical Research		2016
26	Tumour extraction from breast mammographs through hough transform and DNN hybrid segmentation technique R Chakravarthi, NM Nandhitha, SE Roslin, N Selvarasu Biomedical Research	1	2016
27	Performance evaluation of DWT, SWT and NSCT for fusion of PET and CT Images using different fusion rules. KP Indira, RR Hemamalini, NM Nandhitha Biomedical Research	3	2016
28	Artificial Neural Network Based Prediction Techniques for Torch Current Deviation to Produce Defect-Free Welds in GTAW Using IR Thermography NM Nandhitha Proceedings of 3rd International Conference on Advanced Computing ...	2	2016