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Book Published: Course Material : 14VLE12-DSP Processor Architecture and Programming,Nov 2017

Paper Publications
Journals Published

Sl. No	Title	Journal Name	International / National	Month and Year	Co-Authors
1.	Light Beam Synchronising System For Automobiles	Internatioanl journal of Scientific Technology and Research	International	Vol 9 issue 3, Mar 2020 Pg.241-243	SharavanaRaju K.M, Raja Kavya S, Prashanth S Navaneetha Kumar S
2.	An optimised neural network-based spectrum prediction scheme for cognitive radio	International Journal of Enterprise Network Management	International	Feb 2020 Vol.11 No.1, pp.76 - 93	B. Bhuvaneswari;
3.	Portable communication aid for specially challenged: Conversion of hand gestures into voice and viceversa	IEEE Explorer	International	Feb2020	Sharavana Raju K#,
4.	Automatic Plastic Waste Segregation and Sorting Using Deep Learning Model	Internatioanl journal of Scientific Technology and Research	International	Vol 9 issue 2 Feb 2020 Pg.5773-5777	Sharavana Raju K#, Vigneshkumaran*
5.	Segmentation of Tumor in MRI Brain Images using Morphological Operators and Non-Local Means Filter	International Journal of Recent Technology and Engineering (IJRTE)	International	Volume-8 Issue-4, November 2019	K.Kavinkumar

6.	An Efficient Method for Brain Tumor Detection Using Texture Features and SVM Classifier in MR Image	Asian Pacific Journal of Cancer Prevention,	International	Vol 19 2018 2789 - 2794	K.Kavinkumar
7.	Pitch-Based Voice Activity Detection for Feedback Cancellation and Noise Reduction in Hearing Aids	Springer- Circuits Systems Signal Process	International	(2018) 37:4504–4526	K. M. Sharavanaraju
8.	Glaucoma - a Survey on Prevalence	Middle-East Journal of Scientific Research	International	25 (3): 511-517, 2017	M. Madhumalini
9.	Performance Analysis of Feature-Based Lung Tumor Detection and Classification	Current Medical Imaging Reviews	International	March 2017, Vol.13 Pg.1-9	K.Manojsenthil
10.	Improvement of Images by Morphological Conversion Through Deprived Illumination	International Journal of Advanced Research in Information and Communication Engineering	International	June 2016 Vol.4 Pg.68-73	S.Palpandi
11.	AMD Analysis on RPE Layer Transform Prediction from Oct Image Victimization by SVM Classifier	International Journal of Technology in Computer Science & Engineering	International	March 2016/ Volume 3, Issue 1 Pg.46-52	S.Palpandi
12.	Optimal Rule based Algorithm for Spectrum Allocation in Cognitive Radio Networks	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST) Vol. 2, Special Issue I	International Journal	Jan 2016	B.Bhuvaneswari

Paper Presented in National / International Conferences

Sl. No	Title	Conference Name	International / National	Month and Year	Co-Authors
1.	Portable communication aid for specially challenged	I2C2SW 2018	International	Dec 2018	K.M.Saravanaraju
2.	An effective approach conversion of cursive handwritten text to computerized document	International conference on Innovative Technologies 2017	International	Feb 2017	M.Saranya
3.	Reconfigurable FIR Adaptive LMS filter using KARATSUBA and CORDIC algorithm	International conference on Innovations in Information Embedded and Communication Systems 2017	International	March 2017	S.Arthika
4.	Web based effective blood bank management system for public health care	Internatioanl conference on Computers and Management	International	Dec 2016	S.Balambigai
5.	FPGA Implementation of FIR Adaptive LMS Filter using Karatsuba algorithm	National Conference on VLSI Embedded system Signal Processing and Communication system	National	Feb 2016	S.Arthika
6.	Based Voice Activity tion for Feedback llation and Noise ction in Hearing Aids	PSG Tech , Coimbatore	National	April 2016	Janani
7.	Conversion of hand written documents into computerized document	PSG Tech , Coimbatore	National	April 2016	Deepika devi
8.	Optimal rule based algorithm for spectrum allocation in cognitive radio njetrworks	National Conference on Emerging trends and functional applications of Computer Technology	National	Jan 2016	Bhuvaneswari