DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Publications for the Academic Year 2016-17

1.Journal Publications

S.No	Authors	Title of Paper	Journal Details	Indexing
1.	**E.V.Krishna Rao,** M. Ravindranath Tagore, B. Prabhakar Rao	Extraction of Microaneurysms and Hemorrhages from Digital Retinal Images	Journal of Medical and Biological Engineering Springer Heidelberg, 37(3),ISSN: 1609-0985, June 2017	SCI
2.	**P.Rakeshkumar,** K.satya Prasad, A.GuruvaReddy	Dual polygonal slit square patch with defected ground plane for tri band operation	Microwave and Optical Technology, 59(5), ISSN:1098-2760, Mar., 2017	SCI,
3.	**Maloji Suman,** Kasiprasad Mannepalli	Design and development of Fractional Deep Belief Networks for speaker emotion recognition	International journal of Speech Technology, 19(4), Springer ISSN: 1381-2416 (Print) Dec 2016	SCI
4.	**Maloji Suman,** Kasiprasad Mannepalli	A novel Adaptive Fractional Deep Belief Networks for speaker emotion recognition	Alexandria Engineering Journal,Elsevier, 56(4) ISSN:1110-0168, Dec., 2017	SCI
5.	**A. NarendraBabu,** R. Mastanaih, P. S. Rahmanandam, K. Krishna Reddy	Studies of Two Important Stability Indices of Earth's Atmosphere determined by using the COSMIC GPS Radio Occultation Technique	Indian Journal of Science and Technology, 9(38), ISSN:0974-6846 , Oct 2016	Scopus Indexed
6.	**S.V. Jagadeesh**	Investigation of structural	Materials Today	Scopus

		and electrical properties on substrate material for high frequency metal-oxide- semiconductor (MOS) devices	:Proceedings, IOP publishing,Apr 2017	Indexed
7.	**G. Srinivasa Rao**, Y.Srinivasa Rao	CPHC based Procedure for Automatic Micro-aneurysm in Retinal Images	Journal of Theoretical and Applied Information Technology, 93(2), ISSN: 1992-8645,Nov 2016	Scopus Indexed
8.	**Ravi Kumar.K**, P.V.Subbaiah	Speech enhancement using MMSE estimation under phase uncertainty	International Journal of Speech Technology, Springer, 20(2), ISSN: 1381-2416 (Print), June 2017	Scopus Indexed
9.	**Ravi Kumar.K**, P.V.Subbaiah	A Survey on Speech Enhancement Methodologies" International Journal of Intelligent Systems and Applications	I.J. Intelligent Systems and Applications, 3(4) ISSN 2349-6002, Sep., 2016	Scopus Indexed
10.	**B. Ramesh Reddy,** Nazeema, P.Rakeshkumar	Image Forgery Detection using Adaptive Over Segmentation and Feature Point Matching	International Journal of Innovative Research in technology, 3(4) , ISSN 2349-6002, Sep 2016	UGC
11.	**A. NarendraBabu, S.V. Jagadeesh Chandra**, **G.Srinivasa Rao**	Personal Identification Using Left and Right Palmprint Images by Steerable Filter	International Research journal of Engineering and Technology, 3(9) ISSN: 2395-0072, Sep., 2016	UGC
12.	**S.V.Jagadeesh Chandra,** M Kumar, Sung-Hyun Yang ,K.Janardhan Reddy	Investigation of structural and electrical properties on substrate material for high frequency metal-oxide-semiconductor (MOS) devices	IOP publishing, April 2017	Other
13.	**S.V. Jagadeesh Chandra,**	Age-invariant face recognition system using	International Journal of Innovative	UGC

	A. NarendraBabu, G.Srinivasa Rao	combined shape and texture features	Research in technology, 3(4), ISSN: 2349-6002, Sep 2016	
14.	**K.N.Prakash, P.RakeshKumar,** Y.Padma	Dual Tree Complex Wavelet Transform for Medical Image Fusion	International Research journal of Engineering and Technology, 3(9) ISSN: 2395-0072, Sep 2016	Other
15.	**E.V.Krishna Rao,** K.Rani	Automatic Highway Vehicle Counting and Classification for Surveillance Applications	International Journal of Innovative Research in technology, 3(9) ISSN: 2349-6002, Sep., 2016	Other
16.	**G. Srinivasa Rao**, Y. Srinivasa Rao	Reduction of Micro Aneurysms in Retinal Identification Based on Hierarchical Clustering in Terms of Improved Circular Gabo Filter	International Conference On Information And Communication Technology For Intelligent Systems,Jul., 2016	Other
17.	**G.Srinivasa Rao, S.V. Jagadeesh Chandra, A. Narendra Babu**	RADAR Imaging by Sparsity and compressed Sensing	International Journal of Innovative Research in technology, 3(5), ISSN 2349-6002, Oct., 2016	Other
18.	**G.L.N. Murthy,** B.Anuradha	Bias Field Corrected Hippocampus Segmentation Using k means Clustering and Region Growing	International Journal of Hybrid Information Technology , 9(12) ISSN: 1738-9968, Dec., 2016	Other
19.	**G.L.N. Murthy,** B.Anuradha	Non Brain Region Removal in Coronal MR images with Histogram Modeling	International Journal of Software Engineering and its Applications, 10(12) ISSN: 1738-9984, 2016	Other
20.	**G.L.N. Murthy,** B.Anuradha	An Euclidean norm based nonlinear filterfor noise	i-manager's Journal on Image Processing, 4(11)	Other

		removal in mrimages	ISSN: 1738-9984, 2017	
21.	**Maloji Suman**, SravyaKonakala	Non Uniform Blur and Illumination Variance Face Recognition Using Local Binary Pattern	International Research journal of Engineering and Technology, 3(9) ISSN:2395-0072, Sep., 2016	Other
22.	**V.V. Ramakrishna, P. RakeshKumar**, SK. Fairoze	Spot Detection with Optimal Scale Selection in Fluorescence Microscopy Image	International Journal of Innovative Research in technology, 3(5) , ISSN 2349-6002, Oct., 2016	Other
23.	**G.L.N. Murthy**, K.srinadh	Intensity inhomogeneity correction with energy optimization	International Journal of Innovative Research in technology, 3(4) ISSN 2349-6002, Sep 2016	Other
24.	**T.AnilRaju**, K.L.Kartheek	Automatic Detection of Pathogenic Diseases on Leaves	International Journal of Innovative Research in technology, 3(4) ISSN 2349-6002, Sep., 2016	Other
25.	**B.V.N.R. Siva Kumar, P.RakeshKumar**, M.RajeshBabu	Diagnosis of Diabetic Retinopathy Using Morphological Process and SVM Classifier	International Journal of Innovative Research in technology, 3(4), ISSN 2349-6002, Sep., 2016	Other
26.	**Y.AmarBabu**, M.Rama Devi	Micro Blaze Based SOC Platform for JPEG2000 Compression on SPARTAN6 FPGA	International Journal of Innovative Research in technology, 3(4) ISSN 2349-6002, Sep., 2016	Other
27.	**K. Rani Rudrama, P.RakeshKumar**, T.ManiKanta Reddy	Reversible Image Data Hiding with Contrast Enhancement	International Journal of Innovative Research in technology, 3(4) ISSN 2349-6002, Sep., 2016	Other
28.	**B.Rajeswari**,	Synchronization Likelihood - a Non Linear	International Journal of Innovative	Other

	T.Anil Raju	Multivariate Technique for finding Functional Connectivity	Research in technology, 3(12)ISSN 2349-6002, May, 2017	
29.	**B.Rajeswari,** **T.Anil Raju**	Wavelet Entropy Measure to Quantify Information Transmission using EEG Signals	International Journal of Innovative Research in technology, ISSN 2349-6002, 3,11,Apr., 2017	Other

2.Conferences

S.No	Authors	Title of Paper	Conference Details	Indexing
1	Mr B.Y.V.N.R.Swamy	” A compact printed MIMO Antenna for WLAN applications”	National conference on Communication,antennas and signal processing ,Acharya Nagarjuna university ,Guntur 24th march 2017	National
2	Mr B.Siva Hari Prasad	“3D Dual-Polarized Frequency Selective Surface with Two Transmission Poles and Pseudo Elliptic Response”	National conference on Communication,antennas and signal processing ,Acharya Nagarjuna university ,Guntur 24th march 2017	National
3	Smt Rani Rudrama Kodali	“Design & Analysis of a New Metamaterial Structure to Enhance Antenna Performance for S - Band Applications”	National conference on Communication,antennas and signal processing **,**Acharya Nagarjuna university ,Guntur 24th march 2017	National
4	Mr. Y.Amar Babu	“Design and Implementation of Low power and High Performance Network Interface for 2×2 SDM based NoC”	International Conference on Advanced Computing & Communication Systems ,Sri Eshwar College of Engineering, Coimbatore, Tamil Nadu, India 6-7th January 2017	International
	Mr. Y.Amar Babu	“Design and Implementation of Area Optimized NoC	International Conference on	International

5.		Router for SDM based Network on Chip"	Advanced Computing & Communication Systems ,Sri Eshwar College of Engineering, Coimbatore, Tamil Nadu, India 6-7th January 2017	
6	Mr. Y.Amar Babu	"Design of Low power and High Performance Network Interface for 2×2 SDM based NoC and Implementation on Spartran 6 FPGA"	International Conference on Advanced Computing & Intelligence Engineering ,C.V.Raman College of Engineering , Bhubaneswar, India 21-23rd December 2016	International
7	Mr. Y.Amar Babu	"FPGA Implementation of Buffer less NoC Router for SDM based Network on Chip"	International Conference on Advanced Computing & Intelligence Engineering ,C.V.Raman College of Engineering , Bhubaneswar, India 21-23rd December 2016	International
8	Mr. Y.Amar Babu	" Performance Analysis and Implementation of Modified SDM based NoC for MPSOC on Spartan6 FPGA"	International Conference on Advanced Computing , Networking , and Informatics ,National Institute of Technology Rourkela 22-24rd September 2016	International
9	Mr G.Venkata Rao	"Investigations on the Nitride Interface Engineering at HDO2/Ge stacks for MOS Devices"	International conference on Processing of Materials,Minerals and energy PMME-2016 , Pace Institute of technology & sciences,Ongole 29th to 30th July2016	International

| 10 | Dr. SV. Jagadeesh Chandra | "Investigations on the Nitride Interface Engineering at HDO2/Ge stacks for MOS Devices" | International conference on Processing of Materials,Minerals and energy PMME-2016 ,Pace Institute of technology & sciences,Ongole 29th to 30th July2016 | International |