



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Publications for the Academic Year 2017-18

1. Journal Publications

S.No	Authors	Title of Paper	Journal Details	Indexing
1.	K. Ravi Kumar, P.V. Subbaiah	Speech enhancement using MMSE estimation of amplitude and complex speech spectral coefficients under phase-uncertainty	Speech Communication, Elsevier 96, ISSN :0167- 6393, Feb, 2018	SCI
2.	P.Rakeshkumar, A.GuruvaReddy, K.satya Prasad	Equivalent circuit model of novel tri band Defected Grounded Structure based patch antenna for WiMax/WLAN applications	Revista de la Facultad de Agronomia de la Universidad del Zulia, 34(4)journal, ISSN:2477-9407, 2017	SCI
3.	E.V. Krishna Rao, B. Suneela	An efficient method to increase the network Throughput using interference cancelling approach	Journal of Advanced Research in Dynamical & Control systems, 9(1), ISSN:1943-023x, Nov 2018	Scopus Indexed
4.	Venkatakrishnarao Ede, P. Ammi Reddy, I.Ramesh Babu	Automated Pulmonary Lung Nodule Detection using an Optimal Manifold Statistical Based Feature Descriptor and SVM Classifier	Biomedical and Pharmacology Journal, 10 (3) ISSN:1311-1324, 2017	Scopus Indexed
5.	A. Narendra Babu, O. Mounika, K.SrinivasaRao	Neural Network Approach For Energy Efficiency In Cellular System	International Journal of Pure and Applied Mathematics, 117(18),	Scopus Indexed

			ISSN: 1311-8080, 2017	
6.	A. NarendraBabu, Venkata ramanaiah G	A Comprehensive Technical Study On MST Radar Signals For Enhancement Of SNR	Journal of Advanced Research in Dynamical and Control Systems, 9(6), ISSN:1943-023x, Oct., 2017	Scopus Indexed
7.	G.L.N. Murthy, B. Anuradha	Edge Enhanced Fuzzy C Means Algorithm for Hippocampus Segmentation and Abnormality Identification	Biomedical& Pharmacology Journal, 10(4), ISSN:1311-1324, 2017	Scopus Indexed
8.	K.Rani Rudramma, A. BanuSyed	Analysis and Implementation of Fault Tolerant Parallel FFTs & IFFT's Using Parity SOS and ECC	International Journal of Applied Engineering Research, 12(19),2017	Scopus Indexed
9.	G. VenkataRao, S.V. Jagadeesh Chandra, M. Kumar, T.V. Rajesh	Investigations on the Nitride Interface engineering at HfO ₂ /Ge stacks for MOS devices	Materials today Proceedings Elsevier, 7853 (5), ISSN:2214-, 2018	Scopus Indexed
10.	Y. AmarBabu, John Bedford Solomon, D. Jackuline Moni	Novel Dynamic Scan Low Power Design for Testability Architecture for System-On-Chip Platform	International Journal of Applied Engineering Research, 13(7), ,ISSN 0973-4562, 2018	Scopus Indexed
11.	G. SrinivasaRao, Y. Amar babu, G. Vamsi Krishna	An FPGA Implementation of Low Dynamic Power & Area Optimized 32-Bit Reversible ALU	International Journal of Applied Engineering Research, 13(5) ,ISSN 0973-4562, 2018	Scopus Indexed
12.	G. SrinivasaRao, Y. Amar babu, G. Vamsi Krishna	Advanced Testing Methods for Reversible Logic	International Journal of Applied Engineering Research, 13(7) ,ISSN 0973-4562, 2018	Scopus Indexed
13.	K. Rani Rudramma, P. Siddaiah, M. N. Giri Prasad	Design and Analysis of Band Notched Wide Band Metamaterial Integrated U & T Shaped Patch with Strip Line Antenna for Wireless Application	Helix, ISSN 2319 – 5592 , 8(1) 2017	Scopus Indexed (ESCI)
14.	B.Y.V.N.R Swamy, P. Siddaiah	Orthogonal Polarization Position Based MIMO Antenna For Wireless	Helix, ISSN 2319 – 5592 , 8(1)	Scopus Indexed

		Applications	2017	(ESCI)
15.	E.V.KrishnaRao, J. RavindraBabu	Performance Improvement in Multistage Multiuser DS- CDMA System over Rayleigh fading channel	International Journal of Communications, ISSN: 2367-8887 , 2, 2017	Other
16.	B. Ramesh Reddy , P. Rakesh Kumar, B. Kranthi Sandhya	A Shared Multiplier for Effectual Area of 1024 Point Fast Fourier Transform Processor	International Journal for Research in Applied Science & Engineering Technology , 5(11), ISSN: 2321-9653, Nov. 2017	UGC
17.	B. Ramesh Reddy, G.Mahati, K.Neharika, S.surekha, I.Rani	A Smart Student's Attendance System using QR Code	International Journal of Research, 5(12), ISSN 2348-6848, Apr., 2018	UGC
18.	B. Ramesh Reddy, M.Priyanka, B.Mounica, N.Mounisha, B.Himaja	Navigational Assistive Interface for Visually Challenged People	International Journal of Research, 5(12) ISSN: 2348-6848, Apr., 2018	UGC
19.	B. Ramesh Reddy, Jalli Raj Kumar	Real-Time Hand Gesture Controlled Advanced Security System for Robotic Vehicle	International Journal of Research, ISSN: 2348-6848, 5(12) April 2018	UGC
20.	E.V.KrishnaRao, P.Rakesh Kumar, G.Nagendra Babu	Location – Aware Relay Based Spectrum Accessing for Primary Users in Cognitive Radio OFDM Based Networks System with Power Equalization	International journal of research in Electronics and Computer Engineering , 5(4),ISSN: 2393-9028, Oct.-Dec., 2017	UGC
21.	E.V.KrishnaRao, K.DurgaAnudeepika, K.DurgaDevi, M.Kamala, D.Swetha,	Implementation of indoor air quality monitoring system using IOT and GSM	International journal of creative research thoughts,6(1),March2018 ,ISSN:2320-2882	Other
22.	E.V.Krishna Rao, BhargaviMotapothula, PavaniMajji,	Arduino Based Electronic Notice Board And Home Appliances Control by	International Journal of Engineering Trends and	Other

	SwethaNunna, Anjali Kuthadi	Using GSM Technology	Applications, 5(2) ISSN: 2393-9516, Mar-Apr., 2018	
23.	A. Narendra Babu, S.V. Jagadeesh Chandra, G.SrinivasaRao, Y.Ramyanka	Lung Nodular Pattern for Interstitial Lung Diseases Using Neural Network Classification	International Journal of Research in Electronics and Computer Engineering, 5, (3) ISSN: 2393-9028, Jul.-Sep., 2017	UGC
24.	A.NarendraBabu, VeeravajhulaSarvani, Marripudagala Sowmya, Upthala Sai Jyothi, Bhimavarapu. Madhuri Lakshmi	Chaotic Procure Key Generation And Digital Locking	International journal of creative research thoughts, 6(1), ISSN:2320- 2882, Mar 2018	Other
25.	A.NarendraBabu, R.DeepikaLakshmi,G. SuramaPriya, P.Indraja, P.Apurva	Novel Approach for colour object recognition	International Journal of Research, 5(12), ISSN 2348-6848, Apr 2018	UGC
26.	S.V. Jagadeesh Chandra, A. Narendra Babu, G.SrinivasaRao, L. Jhansi	Detection of Disease using EEG Signal Based on PSO and NN Classifier	International journal of research in electronics and computer engineering, 5(3) ISSN: 2393-9028, Jul.-Sep., 2017	UGC
27.	S.V.Jagadeesh Chandra Manjariyaramala,Lilly Pravallika pattem,Pushpalatha Kavala,Madhavi Kapavarapu,	RFID and GSM Based Automatic Toll Collection System Using LPC 2148 Controller	International Journal of Research, 5(7) ISSN:2348-6848, Mar., 2018	UGC
28.	G.SrinivasaRao , A.Narendra Babu , S.V. Jagadeesh Chandra, N.Anusha	Detection of Logo using Wavelet Transform Analysis and NN Classifier	International journal of research in electronics and computer engineering, 5(3) ISSN: 2393-9028, Jul.,-Sep., 2017	UGC

29.	G.SrinivasaRao ,B.Kavya,CHRamya,B.BlessSharon, T.Priyanka,	Coal Mine Safety System using wireless sensor networks and RFID technology	International Journal of Research, 5(12) ISSN:2348-6848, Apr 2018	UGC
30.	M.V. Sudhakar , A. Kavya, M. Nagamalli, V. Bhavya, J. S.Susan ,	Design of Automatic Irrigation System using Arduino and IoT	International Journal of Research 5(12) ISSN:2348-6848, Apr., 2018	UGC
31.	M.V.Sudhakar , Y.SuryaTejaswi, B.Kavya, P.Divya, N.Mounica,	Human Arm Controlled Wireless Robotic Arm	International Journal of Research, 5(12) ISSN:2348-6848, Apr 2018	UGC
32.	P.Lachi Reddy ,M. Poojitha, R. Manasa, T. Likhitha, S.Venu Madhuri,	Raspberry PI Based Security System	International Journal of Research, 5(12),ISSN:2348-6848, Apr 2018	UGC
33.	Y.S.V.Raman U.Anusha, P.Hema Sathvika, P.Divya, Sk.Jaheda Begum	Smart Prepaid Electricity Energy Metering and Power Theft Control System using GSM	International Journal of Research, 5(12), ISSN:2348-6848, Apr., 2018	UGC
34.	Y.S.V. Raman , G.Ahalya, V. Raja Rajeswari, Sk. Rubeena, G.Asha ,	Enhanced Security for School bus Tracking System based on RFID, GPS & GSM	International Journal of Research, 5(12) ISSN:2348-6848, Apr 2018	UGC
35.	M.Madhavi ,M.VeerabhadraRao, D.Ganesh Manikanta, M.Saketh Ram, B.NagaGopi	Voice Controlled Home Automation in Unlicensed Bands	International Journal of Research, 5(12) ISSN:2348-6848, Apr., 2018	UGC
36.	Y. Amar babu , P. Rakesh kumar , M. Anil kumar	Design and Implementation of Zynq-Based Reconfigurable System for Jpeg 2000 Compression	International Journal for Research in Applied Science & Engineering Technology, 5(11) ISSN: 2321-9653, Nov 2017	Other
37.	Y.AmarBabu , G. Indu, M.Amani	Smart Reader for Visually Impaired People Using Raspberry Pi	International Journal of Research, 5(12) ISSN:2348-6848, Apr., 2018	UGC
38.	Y.AmarBabu ,	Design and Implementation	International Journal of	Other

	S.Vidhyullatha	of ZYNQ SOC based Embedded Vision System for Real-Time Applications	Electronics, Electrical and Computational System, 7(1) ISSN 2348-117X, Jan 2018	
39.	G.L.N. Murthy, D.Sirisha	Diabetic Retinopathy Using Morphological Process and Hough Transform”	International journal of research in electronics and computer engineering, 5(3), ISSN: 2393-9028, Sep., 2017	UGC
40.	G.L.N.Murthy , M.KrishnaSai, G.Manideep, K.Venkateswara Reddy, P.Hemanth,	Semi-Automated Fire control Robot Using Android Application	International Journal of Research in Electronics And Computer Engineering ISSN: 2393-9028, 6(1) Mar., 2018	UGC
41.	B.V.N.R Siva Kumar, P.Rakesh Kumar Kapuluru Chenchaiiah	Monitoring price tag with epaper by using 6Lowpan and MQTT	International Journal of Research in Engineering, 6(8),ISSN :2319-1163, Aug 2017	UGC
42.	B.V.N.R. Siva Kumar, M.Lakshmanakumar, V.HemanthKumar,R. Kirankumar,R. Naresh	Advancement in Safety of Vehicle Mechanism using Wireless Sensor Networks	International Journal of Research, 5(12) ISSN:2348-6848, Apr., 2018	UGC
43.	V.V. Rama Krishna, M.Sindhura	Brainwave Sensor Based Vehicle Attention Tracking Using Arduino	International Journal of Research in Electronics And Computer Engineering , 5(3) ISSN: 2393-9028, Sep., 2017	UGC
44.	K.RaniRudrama, D. Venkata Rahul, G. Udaya Bhskar, N. Sai Raghava, Y. Midhun Kumar	Gesture Control Robotic Vehicle	International Journal of Research, 5(12) ISSN:2348-6848, Apr., 2018	UGC
45.	T.AnilRaju , Sk. YasinAhammad, P.Anil Kumar, G.Prakash	Brain Tumour Segmentation using Evolutionary Computation Techniques in MRI Images	International Journal of Research in Electronics And Computer Engineering, 6(1), Mar., 2018	UGC

46.	G. VenkataRao, N. Ashokkumar, M. Apparao, P. Bharathkumar, K. Ravindra Reddy	Underwater Image Enhancement using Image Fusion Technique	International Journal of Research, 5(12), ISSN: 2393-9028, , Apr., 2018	UGC
47.	G. VenkataRao , N. Ashokkumar, M. Apparao, P. Bharathkumar, K. Ravindra Reddy	Underwater Image Enhancement using Image Fusion Technique	International Journal of Research, 5(12) ISSN:2348-6848, Apr., 2018	UGC
48.	K.Sasibhushan, P.Rakeshkumar, RVenugopalarao,	Invisible Watermarking Technology Using SVD for Copy Right Security Protection	International journal of research in electronics and computer engineering,5(3), ISSN: 2393-9028, Jul.- Sep., 2017	UGC
49.	K.SasiBhushan , G.ChaitanyaPrakash, Sk.Aslam, B.Manoj Kumar, K.Yashvanth	Arduino Smart Billing Cart	International Journal of Creative Research Thoughts, 6(1), ISSN 2320-2882, Mar 2018	Other
50.	K.SasiBhushan, VineelaThonduri	System for Smart Parking using Internet of Things (IoT)	International Journal for Research in Applied Science & Engineering Technology, 6(3) ISSN: 2321-9653, Mar 2018	Other
51.	Sk. Mastan Sharif, K V Ravi Chandra, K. Koti Reddy, K V S Ashok, Ch Sameer	Arduino and IOT based Patient Health Monitoring System Using Wi-Fi Module	International Journal of Research, 5(12) ISSN:2348-6848, Apr., 2018	UGC
52.	B. Siva Hari Prasad, Ch. Naga Malleswary	Brain Tumour Identification Using NN Classification by Wavelet Transform Method in MRI Images	International journal of research in Electronics and computer Engineering, 5(3) ISSN: 2393-9028, Jul.,- Sep., 2017	UGC
53.	B.SivaHariPrasad, Nagarjuna, V. Srikanth, J.V.S.R.K. Prasad	Dual Band H- shaped Antenna-filter-antenna based frequency selective surface for Q-band applications	International journal of creative research thoughts, 6(1) ISSN 2320-2882, Mar.,2018	Other
54.	M.K. Linga Murthy, A.Mallikarjuna	Vehicle Theft Detection, Accident Detection and	International Journal of Research,	UGC

	Reddy, J.Bala Krishna Murthy, K.SaiKiran, K.Vamsi Krishna	Tracking Using GSM and GPS	5(12),ISSN:2348-6848, Apr 2018	
55.	P. Rakesh kumar, G. Meenakshi	Skin Lesion Classification of MELONAMA Using ABCD Parameters by Contour Edge Detection	International journal of research in electronics and computer engineering, 5(3), ISSN: 2393-9028, sep 2017	UGC
56.	P.RakeshKumar, Ch.V. Durga Prasad, Y.Bharath, G.RajeshYadav, V VSaiManoj	Home Automation using Smart Technology	International Journal for Research in Applied Science & Engineering Technology, 5(11) ISSN: 2321-9653, Nov., 2017	Other
57.	B.Rajeswari, T. Anil Raju, S.Shamili,	Fixed Key point Preserving for Face Recognition under Non-Uniform Illumination Conditions	International Journal for Research in Applied Science & Engineering Technology , 5 ISSN: 2321-9653,Oct., 2017	UGC
58.	B.Rajeswari, V Venkatesh , Sk Sameer, G Veera Kumar , Sk Salman Khan	Sensing and Actuating Multiple Tasks Using IOT	International Journal of Research, 5(12) ISSN:2348-6848, ,Apr., 2018	UGC
59.	V.Ravi Sekhara Reddy , N .Saivenkat, A. Ravindra, Y. Sreekanth	Miniaturization of Rat-race coupler with harmonic suppression technique	International Journal of Research, 5(12) ISSN:2348-6848, Apr., 2018	UGC
60.	L. Srinivasa Reddy, T. Avinash Reddy, G. Sai Ram, B. BhanuSankar, K. Mahesh Venkat	Object Following Robot Using Raspberry Pi and Open CV– Python	International Journal of Research, 5(12) ISSN:2348-6848, Apr., 2018	UGC
61.	M.Siva Sankara Rao, K.Sasikanth, G.Vinay Kumar, K.Sudhakar, Y.Surya	Bus Detection System for Blind Using RFID with Prototypes for the Bus Stop and For the Bus	International Journal of Research, 5(12) ISSN:2348-6848, Apr., 2018	UGC
62.	B.Y.V.N.R Swamy, D. Rama Krishna, Ch. PurnaChandu,	Underground Cable Fault Detection.	International Journal for Research in Applied Science & Engineering	UGC

	K. Venkatesh, A. Sasidhar Reddy		Technology, 5(11) ISSN: 2321-9653, , Nov., 2017	
63.	G.VenkataRao , B.Teja Reddy, K. Likhithnath, A. Anjan	Hand Gesture Recognition System Using Image Processing Technique	International Journal of Research, 5(12) ISSN:2348-6848, Apr., 2018	UGC
64.	Ch. Mallikarjuna Rao , T. Praneeth, A. Vinod Babu, G. Koti Reddy, Y. Mukesh.	Finger Print Based Electronic Voting Machine	International Journal of Research, 5(12) ISSN:2348-6848, Apr., 2018	UGC
65.	P.Venkat Rao , N. Rajithkumar, D. Tanususwaran, G.V.S. Baba, T. Ramudu	An IoT Based Vehicular Pollution Monitoring System Using Arduino	International Journal of Research, 5(12) ISSN:2348-6848, Apr., 2018	UGC
66.	K V Ashok , M Ravikumar, V Phaneendra, G Amarnath, P Premkumar	Simple Steganographic Algorithm for Lossless Compression	International Journal of Research, 5(12) ISSN:2348-6848, Apr., 2018	UGC
67.	M. Ramya Harika , K. CharanTeja, D. SaiTeja, G. Chaitanya, MVR. Pratyush,	Ultrasonic Blind Walking Stick Using Voice Control through Mobile App	International Journal of Research ISSN:2348-6848, 5(12), Apr., 2018	UGC
68.	K.Lakshmi , A.Naga Sai Bhavani, M.GopiKrishna, V.Vinay Kumar	Detection and Preventive Measures of Leaf Diseases Using MATLAB and IOT	International Journal Of Creative Research Thoughts, 6(2) ISSN: 2320-2882, Apr 2018	UGC
69.	T. Kalpana , K.V.V.S Ravi Shankar, P.RajaSekhar, P.Vinay Kumar Reddy, N.Avisansh	Crack Detection on Railway Track By Using Voltage Sensor	International Journal Of Creative Research Thoughts, 6(1) ISSN 2320-2882, Mar., 2018	Other
70.	Ch. V. Naga Bhaskar , T. Anil Raju, K. Srinivasa Lokesh	Chessboard Recognition and Object movement Identification System Using Real Time Principal Component Analysis Technique	International Journal of Robotics and Information Technology, 1(1) ISSN : 2001-5569, Nov., 2017	UGC

71.	R.Hari Kishan , N.Janardhan, M.Raviteja, M.Praveen Kumar, G.SaiTarun	Fast Face Identification System with Occlusions	International Journal of Research, 5(12) ISSN 2348-6848, Apr., 2018	UGC
72.	Ch Siva Rama Krishna , M.V.V Sathyanarayana, T. Giridhar Kumar, M Krishna Chitanya, G KoteswraRao	Face Recognition Enabled Smart Door using Raspberry Pi”, ISSN:.,	International Journal for Innovative Engineering and Management Research, 7(4) ISSN: 2456-5083, Apr 2018	Other
73.	M V L Bhavani , B.R. Krishna Karthik, V.R.Krishna Reddy, Ch.Sai Eswar Reddy	Driver Assistance Vehicle with Road Sign Detection using Raspberry Pi	International Journal of Research, 5(12), ISSN 2348-6848, Apr., 2018	UGC
74.	K Ravi Kumar , Sk Sameer Ali Saheb, Y. SaiChitanya, Sk. Habeeb	Home appliance control system using Raspberry Pi 3 and Arduino	International Journal of Research, 5(12) ISSN 2348-6848, Apr 2018	UGC
75.	G.VenkatRao , J.V. Karthik	Voice and Gesture Controlled Robot Using Android Applications	International Journal of Technical Innovation in Modern Engineering & Science, 4(6) ISSN: 2455-2585, June 2018	UGC

2.Conferences

S.No	Author	Title	Conference	Indexing
1	Mr.M.K.Linga Murthy	Compact Design of Hexagonal Monopole Antenna for UWB Applications Suppression of Artifacts for Mobile ICG using Non -Linear Adaptive Algorithms”	International Conference on Engineering Science & Technology and Intelligent Applications Vikas College of Engineering and Technology,Nunna. 30 th June 2018	International
2	Mr B.Siva Hari	Multilayer Bandstop Frequency Selective Structures with multiple transmission Zeros/Poles”	International Conference on Electrical,Electronics. Computers,	International

			Communicatio, Mechanical and Computing (EECCMC) Priyadarshini engineering college,Vaniyambadi, Tamilnadu 28 th -29 th January 2018.	
3	Mr B.Y.V.N.R.Swamy	Designing a compact MIMO antenna by inverting SRR element to improve performance”	Conference on Signal Processing and communication engineering systems SPACES-2018 KLEF,Vadeswaram 4 th -5 th January 2018.	International
4	Mr B.Y.V.N.R.Swamy	Design and Analysis of a 4 element Dual band MIMO antennas with meta material based reduced ground plane for future wireless applications”	International Conference on Advanced Communication Systems S.V.Engineering College for Women,Tirupathi 20 th -22 nd October 2017	International
5	Smt Rani Rudrama Kodali	Metamaterial inspired band notched wideband antenna with an integration of U and T shaped patches with strip lines wireless applications”	International Conference on Advanced Communication Systems S.V.Engineering College for Women,Tirupathi 20 th -22 nd October 2017	International