



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 2018-19

1. Journal Publications

S.No	Authors	Title of Paper	Journal	Indexing
1.	SK. Mastan Sharif K. Satya Prasad D. Venkata Rao	Adaptive decision feedback equalizer with dynamic principle for echo cancellation	Transactions of the Institute of Measurement and Control, 40(16), Dec 2018, pp:1-17 ISSN:0142-3312	SCI
2.	KumarMallem Jagadeesh ChandraS.V. MinkyuJu SubhajitDutta Swagata Phanchanan SimpY Sanyal Duy Phong Pham Shahzada QamarHussain JinjooPark Young-HyunCho JunsinYi	Effects of post deposition annealing atmosphere on interfacial and electrical properties of HfO ₂ /Ge ₃ N ₄ gate stacks	Thin Solid Films-Elsevier, 675 (1) Feb-2019, pp:16–22 ISSN:0040-6090	Scopus
3.	P.Rakesh Kumar A Guruva Reddy K. Satya Prasad (JNTUK affiliation)	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), 2017 pp:338-345 ISSN:2477-9407, Aug 2018	ESCI
4.	P. Rakesh	Design and Performance	International Journal of	Scopus

	Kumar, K.V.N.Kavya, CH.J.V.Madhavi, K.Vinay Kumar, M.Narendra Kumar	Analysis of Wideband Hexagonal Ring Antenna with Defected Ground Structure	Innovative Technology and Exploring Engineering (IJITEE),8 (7S), May2019 pp:33-38, ISSN: 2278- 3075	
5.	P. Rakesh Kumar A Guruva Reddy K. Satya Prasad	Design of Analysis of Wideband Hexagonal Circular ring Patch Antenna using Defected Ground Structures	Jour of Adv Research in Dynamical & Control Systems, 2 (2), Apr-2019 pp:1137-1145 ISSN:1943-023X	Scopus
6.	Srinivasulu Gundala	A Leakage Power Aware Transmission Gate Level Shifter	International Journal of Engineering and Advanced Technology (IJEAT), 8 (4), April 2019,pp:1527-1530, ISSN:2249 –8958	Scopus
7.	M. Venkata Sudhakar K. Lakshmi	Development of Electronic System to Examine the Quality of Drinking Water	International Journal Of Innovative Technology And Exploring Engineering (IJITEE),8 (8), June- 2019 pp:1707-1709 ISSN:2278-3075	Scopus
8.	M. Venkata Sudhakar U.Sirisha K.Sudheer Kumar, K.Ramya	Development of Lesser Complexity Transmitter and Receiver for Generalized Frequency Division Multiplexing Systems	International Journal of Innovative Technology and Exploring Engineering (IJITEE),8 (8), June- 2019, pp:1548-1550 ISSN:2278-3075	Scopus
9.	M.Venkata Sudhakar, P.K.S.Supriya Y.Saidileep, P. Chennakesava Reddy B.Anil Kumar	Implementation of System for Detecting Unwanted Gases and Monitoring the Agricultural Parameters using IOT	International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(8) June-2019,pp:1544- 1547 2278-3075	Scopus

10.	M. Venkata Sudhakar	Development of Delay Line Filtration based Dispersion Management Optical Fiber System	International Journal of Innovative Technology and Exploring Engineering (IJITEE),8(7), May-2019, pp:2599-2601 ISSN:2278-3075	Scopus
11.	Rama Krishna V.V Suman. M	Identification of Artery/Vein in Retinal Image using Local Decision Tree Classifier	International Journal of Recent Technology and Engineering (IJRTE), 7 (6S2), April 2019, pp:669-673 ISSN:2277-3878	Scopus
12.	G. Srinivasa Rao S.V. Jagdeesh Chandra A. Narendra Babu, E.V. Krishna Rao	Self-Activated Commuting of Train Allaying Between Stations	International Journal of Innovative Technology and Exploring Engineering (IJITEE),8 (8), June- 2019,pp:1853-1856 ISSN:2278-3075	Scopus
13.	Y.S.V.Raman, A.Narendra Babu, P.Sai Swaroop, P.Nagarjuna , D.Jaya Sri, M.Omkar	An Automated Unit for the Detection of Accident using Fuzzy Logic and IOT	International Journal of Innovative Technology and Exploring Engineering (IJITEE),8 (8), June, 2019,pp:1860-1863 ISSN:2278-3075	Scopus
14.	BYVNR Swamy (ANU) Polepalli Siddaiah	Design of a Compact 2×2 Multi Band MIMO Antenna for Wireless Applications	International Journal of Recent Technology and Engineering (IJRTE), 7 (6S2) April 2019, pp: 674-683, ISSN:2277-3878	Scopus
15.	A.Narendra Babu E.V.Krishna Rao G. Srinivasa Rao S.V.Jagadeesh Chandra	Implementation of System for Air Quality Monitoring with Respect to Atmospheric Parameters using Raspberry Pi	International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8 (8), June, 2019, pp:1867-1870, ISSN:2278-3075	Scopus
16.	S.V.Jagadeesh	Medical Fusion Image using	International Journal of	Scopus

	Chandra A. Narendra Babu, G. Srinivasa Rao, Sk. Gousiya Begum, V. Sai Nageswara Rao*, B. Nagababu, and B. Prem Kumar	Wavelet Transformation	Innovative Technology and Exploring Engineering (IJITEE),8 (8), June, 2019, pp:1864-1866, ISSN:2278-3075	
17.	E.V. Krishna Rao A.Narendra Babu S.V.Jagadeesh Chandra G.Srinivasa Rao	Hand Gesture Controlled Mouse	International Journal of Innovative Technology and Exploring Engineering (IJITEE),8 (8), June, 2019,pp:1857- 1859, ISSN:2278-3075	Scopus
18.	Y.S.V.Raman, A.Narendra Babu, M.Krishna Priyanka	Triple Image Encryption using Chaotic Maps and DNA Sequences	International Journal of Innovative Technology and Exploring Engineering (IJITEE),8 (8), June, 2019, pp:2489-2493, ISSN:2278-3075	Scopus
19.	Kumar Mallem, S. V. Jagadeesh Chandra M. Ju, S. Dutta, CH. V. V. Ramana SQ. Hussain, J. Park, Y. Kim, Y.H. Cho, E.C. Cho, J. Yi	Influence of Ultra-Thin Ge ₃ N ₄ Passivation Layer on Structural, Interfacial, and Electrical Properties ofHfO ₂ /Ge Metal-Oxide– Semiconductor Devices	Journal of Nano science and Nanotechnology, 20 (2), FEB-2020, pp:1039-1045 ISSN:1533-4899	Scopus
20.	B Rajeswari P Abdul Khayum (JNTUA Affiliation)	Dynamic Susceptibility Contrast Perfusion Quantification using Spread Bases Function	International Journal of Engineering and Advanced Technology (IJEAT), 8 (3S), Feb- 2019, pp:172-176, ISSN:2249 –8958	Scopus
21.	B. Suneela E.V. Krishna Rao Sarat K.	Performance of Capacity Improvement in MB-MF-SIC Detector using Resource	Jour of Adv Research in Dynamical & Control Systems, 10 (07),	Scopus

	Kotamaraju K.CH.Sri Kavya	Allocation Approach	JUNE-2018, pp:1461-1469,ISSN:1943-023X	
22.	B. Suneela E.V. Krishna Rao K. Kotamaraju K. Ch. Sri Kavya	Performance Assessment of MB-MF-SIC Detector using Space Time Block Codes	International Journal Of Simulation: Systems, Science & Technology, 19 (06) (Dec-2018) , pp:23-25, ISSN:1473-804X	Scopus
23.	B. Suneela E.V.KrishnaRao Sarat K. K. Kotamaraju K. CH. Sri Kavya	Multi User-Multiple Input Multiple Output Detector Capacity Enhancement by Resource Allocation in Transmission of Physical Layer Network	Journal of Computational and Theoretical Nano Science, 16, MAY-2019,pp:2488-2494, ISSN:1546-1963	Scopus
24.	K. Ravi Kumar, P Venkata Subbaiah (JNTUK and Affiliation as LBRCE)	Posteriori Regularization based Non-Negative Matrix Factorization approach for Speech Enhancement	International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8 (5S), March, 2019,pp:541-546, ISSN:2278-3075	Scopus
25.	Minakshmi Shaw, B.T.P. Madhav, Pradeep Kumar, P.Rakesh Kumar	Analytical Study on Low pass Filter with I-Shaped Defected Ground Structures for Medical ISM Band Applications	International Journal of Pharmaceutical Research, 10 (3), Sept 2018, pp:565-573, ISSN:0975-2366	Scopus
26.	B.Y.V.N.R.Swamy Dr.P.Siddaiah (ANU Affiliation)	Design of A Compact wideband-MIMO Antenna with Improved Isolation by Decoupling structure made by EBG	Jour of Adv Research in Dynamical & Control Systems, 10 (04), Step-2018,pp:1986-1994, ISSN:1943-023X	Scopus
27.	B. Suneela E.V. Krishna Rao Sarat K. Kotamaraju K.CH.Sri Kavya,	Performance Improvement of MB-MF-SIC Detector system using Nakagami-m Fading Channel	Jour of Adv Research in Dynamical & Control Systems, 10 (7), july-2018,pp:1818-1826,ISSN:1943-0243X	Scopus
28.	G. Venkat Rao Ch. Mallikharjuna Rao G. Venkata Sai Mohan	Design of 3 Bit Adder Using 6 Transistors in Mentor Graphics	Journal of Emerging Technologies and Innovative Research 5(9), FEB-2019 p-p-1658-1661	Scopus

	Y Amar Babu			
29.	P. Rakesh Kumar Prathipati A.Guruva Reddy K.Satya Prasad (OTHER)	Design Of Analysis Of Wideband Hexagonal Circular Ring Patch Antenna Using Defected Ground Structure	Journal of Advanced Research in Dynamical and Control systems, 11(2), APR-2019 ISSN:1943-024X	Scopus
30.	G.Venkat Rao, K.L.Vijaya Roja, B.Pavan Kumar, B.Pallavi Sulochana G.Vishnu Reddy	Brain Tumor Detection Method Using MET and Fuzzy C - Means Clustering Algorithm	International Journal of Scientific Research and Review, 8 (5) 2019,pp:1532-1536 ISSN:2279-543X	UGC
31.	K.Sai Sri, Mr.M.K.Linga Murthy, L.Hanumantha Rao, A.Jagadeesh kumar, V.Teja	Text Extraction in Different Orientation From Natural Images	International Journal of Scientific Research and Review, 8 (4), 2019,410-414 ISSN:2279-543X	UGC
32.	Srinivasulu Gundala, Rajani Kumari	Design of Efficient 32-bit Low power Variable Latency Parallel Prefix Brent-Kung Adder	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), 5 (5), May-2019, pp:485- 492, ISSN:2455-2585	UGC
33.	G.N.V.Sai krishna, M.Sravani, A.Krishna Vamsi A.Teja Vardhan, Dr.G.Srinivasulu	Implementation Of Rural Warehouse Monitoring System Using Arduino and Gsm	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), 5 (5), May-2019, pp:611- 615 ISSN:2455-2585	UGC
34.	Dr. G. L. N. Murthy M. Sravani, M. Durga Bhavani, K. Madhu, V. Dileep	Smart Walking Assist for Visually Challenged People	International Journal Of Research In Electronics And Computer Engineering, 7 (2), June 2019,pp:437-440 ISSN:2393-9028	UGC
35.	Mr. P. Venkateswara Rao Mr. Ch Siva Rama Krishna Mr. M Samba Siva Reddy	A Smart Crop Protection Against Animals Attack	International Journal of Scientific Research and Review, 8 (6), 2019,pp:407-410, ISSN:2279-543X	UGC

36.	B V N R. Siva Kumar, G. Krishna Kaladhar, N. Naveen Kumar, C. Sai Pavan	Design of Compact Low Power Autonomous Vehicle for Multi-Purpose using NI my RIO	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), 5 (4), April-2019,pp:270-276 ISSN:2455-2585	UGC
37.	B. Siva Hari Prasad, T. Madhu Priya, T. Pavan Kumar, N. Venkaiah Babu	Design of a Wide Band micro strip patch antenna for X-band and Ku-band Applications	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES),5 (4),April-2019,pp:30-34,ISSN:2455-2585	UGC
38.	Bhavani M.V.L, Naga lakshmi S, Gopikrishna U, Susheel kumar CH, Gurunadh N.V.M	Arm Based Communication And Security System For Disabled Persons	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES),5 (4), April-2019,pp:328-332 ISSN:2455-2585	UGC
39.	Mr.CH.Mallikharjuna Rao, N. Rama Reddy, D. Harsha Vardhan,	Smart Traffic Control system Based On Traffic Density	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), 5 (4), April-2019,pp:213-215 ISSN:2455-2585	UGC
40.	Y. Amar Babu, K. Tarun Sri Krishna	Lab VIEW based Smart Rescue Robot	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES),5 (4),April-2019,pp:25-29, ISSN:2455-2585	UGC
41.	B.Y.V.N.R. Swamy K. Yaswanth Sai S. Balasai D. Sainath M. Phaneendra Kumar	IOT Based Biometric Attendance Management System	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES),5 (4), April-2019,pp:487-496,ISSN:2455-2585	UGC
42.	Roopa Krishna Chandra.G P.Venkateswara Rao, Ch Siva Rama Krishna	An IOT Based Fire Detection And Monitoring System	International Journal of Scientific Research and Review, 8 (6),2019,pp:748-75, ISSN: 2279-543X	UGC

43.	M. Lakshmi Prasann SK. Mahammad Rafi T. Chakradhar reddy M.Amulya Y.Amarbabu	Implementation of Smart farming using IOT	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES),5 (4),April-2019,pp:565- 569, ISSN:2455-2585	UGC
44.	Dr.Y. Amar Babu, M. Chandu M. Raja, P. Sowjanya, S. Bhargav	Adaptive Speech Noise Cancellation Using Least Mean Square Algorithm	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), 5 (4), April- 2019,pp:688-693 ISSN:2455-2585	UGC
45.	Yaramala Madhavi Dr. Y.Amar Babu	Design Of FFT Processor Using Conflict-Free Address Schemes	International Journal of Research,8 (6), June2019,pp:5100-5104, 2236-6124	UGC
46.	Poola Mounika Dr. P. Lachi Reddy	Design And Survey Of Scan Based Logic Bist (Built In Self Test)	International Journal of Research, 8 (6),JUNE- 2019, pp:5112-5116 ISSN:2236-6124	UGC
47.	K.Charan Teja, D.Sai Teja, G.Chaitanya Mvr Prathyush	Ultrasonic Blind Walking Stick Using Voice Control through Mobile App.	International Journal of Research, 5 (12), April- 2018,pp:370-374 ISSN:2348-6848	UGC
48.	M K Linga Murthy Pavani Kollamudi G Mahammed Rafi	Compact Design Of Hexagonal Monopole Antenna For UWD	Global Journal Of Engineering Science And Researches, ISSN:2348 –8034	UGC
49.	K. Vamsi Krishna , Mr. V.V. Rama Krishna, Dr. Y.Amar Babu	Reliable And Accurate Target Detection System Using IOT	(IJEARST),2 (3), Nov- 2018,pp: 670-680 ISSN:2278-2566	UGC
50.	Mr.K.Ravi Kumar, N.Durga Sai Priyanka, P.Vasavi, S.Sandeep Kumar Reddy	Crop Disease Detection Using Machine Learning Approach	International Journal of Technical Innovation In Modern Engineering & Science (IJTIMES), 5 (3), March-2019 pp:1245-1252 ISSN:2455-2585	UGC
51.	G Venkat Rao, R. Harikishan, B Siva Hari Prasad	Design Of Low Power 2:1 Multiplexer With Mt-CMOS Technique	Journal Of Emerging Technologies And Innovative Research	UGC

			(JETIR), 5 (9), Sept2018,pp:333-336 ISSN:2349-5162	
52.	G. Venkat Rao	Speech enhancement and Speech recognition by improving PSNR Value	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), 4 (7), July-2018, pp:19- 21, ISSN:2455-2585	UGC
53.	Dr. P. Lachi Reddy, D. Sai Chandra Sekhar Reddy, V. Sahitya P. Smily Sravya B. Ugandhar	Real Time Automatic Irrigation System With Mobile Alert	International Research Journal of Engineering and Technology(IRJET) 6 (3),Mar2019, pp:5242-5245 ISSN:2395-0072	UGC
54.	Dr. P. Lachi Reddy, S. Harish Kumar, L. Srinivasa Rao, G.Vineel Shaan Abdul Nizamuddin	Real Time Intelligent Home Automation	International Research Journal of Engineering and Technology(IRJET),6 (4),Apr2019 pp:1710-1712 ISSN:2395-0072	UGC
55.	CH. V. Naga Bhaskar Y. Harika	Implementation of HOG algorithm on eye controlled wheelchair using Python language	International Journal of Advance Research, Ideas and Innovations in Technology, 5 (3), 2019,pp:1493-1497 ISSN:2454-132X	UGC
56.	Surini Siva Rohith Reddy M. Kavya S.Smile Samhitha K. Sai Kumar A. Anil Kumar Reddy	Implementation of High Speed and Low Area Confined Multiplier Using Multiplexer Based Full Adder on FPGA	International Journal & Magazine Of Engineering, Technology, Management And Research,6 (4),Apr- 2019, pp:33-37 ISSN:2348-4845	UGC
57.	Danala.Madhuri Tella Anil Raju	Latency And Power Optimized AES Cryptography System Using Scan Chain Reordering	International Journal Of Engineering in Advanced Research science and Technology,02 (3), Dec- 2018,pp:936-941 ISSN:2278-2566	UGC
58.	R.Harikishan,	OCR based Hands-free text	IJTIMES,5(4), April	UGC

	B.Ravi Teja Reddy, K. Lakshmi, B.Sandeep	entry using Labview	2019, pp:208-212, ISSN:2455-2585	
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2. Conferences

S.No	Author	Title of Paper	Conference	Indexing
1.	Dr. Y. Amar Babu	Design of 3 Bit Adder using 6 Transistors in Mentor Graphics”	Third IEEE Conference on Electrical, Computer and Communication Technologies “SVS college of Engineering, Coimbatore, Feb 20-22, 2019	Scopus
2.	Mr.Ch. Mallikarjuna Rao	Design of 3 Bit Adder using 6 Transistors in Mentor Graphics”	Third IEEE Conference on Electrical, Computer and Communication Technologies “SVS college of Engineering, Coimbatore, Feb 20-22, 2019	Scopus
3.	Mr. G. Venkat Rao	Design of 3 Bit Adder using 6 Transistors in Mentor Graphics”	Third IEEE Conference on Electrical, Computer and Communication Technologies “SVS college of Engineering, Coimbatore, Feb 20-22, 2019	Scopus
4.	Mr. K. Ravi Kumar	Speech Enhancement using Iterative Posterior Regularized NMF”	National Conference on Advancements in Microwave Engineering S.V. Engineering College for Women, Tirupati, Jan 24, 2019	National
5.	Smt.B. Rajeswari	Dynamic Susceptibility Contrast Perfusion Quantification using Spread Bases Function”	International Conference on Advances in Signal Processing, Power, Embedded. Soft Computing, Communication and	International

			Control Systems , G. Pulla Reddy Engineering College, Jan 11-12, 2019	
6.	Mr. T. Anil Raju	Dynamic Susceptibility Contrast Perfusion Quantification using Spread Bases Function”	International Conference on Advances in Signal Processing, Power, Embedded. Soft Computing, Communication and Control Systems ,G. Pulla Reddy Engineering College, Jan 11-12, 2019	International
7.	Mr. B.Siva Hari Prasad	Tri Band Cp Slot Antenna Backed With Dual FSS Reflector”	International Conference on Computational and Intelligent Techniques for Automation of Engineering Systems ,GEC, Gudlavalleru, Nov 30-Dec 1,2018	International
8.	Mr. P.Venkat Rao	Integration of Compressive Sensing and clustering in Wireless Sensor Networks using Block Tridiagonal Matrix Approach”	International Conference on Computational and Intelligent Techniques for Automation of Engineering Systems , GEC, Gudlavalleru, Nov 30-Dec 1,2018	International
9.	Mr.G Venkat Rao	Design Of Low Power 2:1 Multiplexer With Mt-Cmos Technique”	International Conference on Research Trends in Engineering, Applied Science and Management , Osmania University Campus, Hyderabad, 23rd September 2018	International
10.	Mr.R. Harikishan	Design Of Low Power 2:1 Multiplexer With Mt-Cmos Technique”	International Conference on Research Trends in Engineering, Applied Science and Management , Osmania University Campus, Hyderabad,	International

			3rd September 2018	
11.	Mr.B Siva Hari Prasad	Design Of Low Power 2:1 Multiplexer With Mt-Cmos Technique”	International Conference on Research Trends in Engineering, Applied Science and Management ,Osmania University Campus, Hyderabad, 3rd September 2018	International
12.	Mr.M.K.Linga Murthy	Suppression of Artifacts for Mobile ICG using Non - Linear Adaptive Algorithms” Publication Partner Springer India Ltd.	International Conference on Information Systems Design and Intelligent Applications ,Université des Mascareignes, Maurituis, 19th-21st July, 2018	International