

Publications 2018-19

International journals

S.No.	Author	Co-author	Title of paper	Name of journal	Vol. no	Issue .no	Page.no	Issn.no	Year	Indexing
1.	Dr.K.Sri Rama Krishna	Sadulla Shaik, Mazhar Abbas, Munir Ahmed, Dinesh Mavaluru	Applying Several Soft Computing Techniques For Prediction Of Bearing Capacity Of Driven Pile	Engineering with Computers				01770667, 14355663	2018	sci
2.	Dr.K.Sri Rama Krishna	K.Aruna Kumari	PAPR Reduction in MIMO-OFDM Using Modified PTS Scheme With Hybride ABC-FF Algorithem	International Journal of Engineering & Technology,	7	4	423-427	2227-524X	2018	scopus
3.	Dr.K.Sri Rama Krishna	Y. Rakesh	Saliency Detection In Stereoscopic Images Using Adaptive Gaussian Kernel And Gabor Filte	Soft Computing A Fusion of Foundations, Methodologies and Application					2018	sci
4.	Dr.K.Sri Rama Krishna ,	Sadulla Shaik,Ramesh Vaddi	Nano-scale Transistors with Circuit Interaction for Designing Energy-Efficient and Reliable Adder Cells at Low VDD	IETE Technical Review	35	5	p 456-466	https://doi.org/10.1080/02564602.2017.1327826	year-2018	sci

5.	Dr.K.Sri Rama Krishna	Y. Rakesh	Short time fourier transform with coefficient optimization for detecting salient regions in stereoscopic 3D images: GSDU	Multimedia Tools and Applications	77	22	P. 1-24	https://doi.org/10.1007/s11042-018-6686-x	04-Oct-18	sci
6.	Dr. Sastry, N.N.	Naga pavani, Lakshmi Prasanna	An Ultra-Wide Band Printed Small Aperture Tapered Slot Phased Array Antenna Covering 6-18GHZ	International Journal of Engineering and Technology(UAE)	7	4	2628-2632	doi: 10.14419/ijet.v7i4.12763	2018	scopus
7.	Dr.Jhansi Rani A	Saritha V, Tanmayi Seedrala	Analysis and Design of a Multi Octave Circularly Polarized Monopole Antenna for UWB, X and Ku-Band Applications	International Journal of Engineering & Technology,	Vol 7 No: 3.4		PP 80-83	DOI: 10.14419/ijet.v7i3.4.16751	2018	Scopus
8.	Dr.Jhansi Rani A	M. Satish Kumar	Reduction of conducted electromagnetic interference by using filters	Computers and Electrical Engineering	72		pp 169–178.	https://doi.org/10.1016/j.compeleng.2018.09.002 © 2018 Elsevier Ltd).	2018-jan	SCI

9.	Dr.Jhansi Rani A	B.M.S. Rani	AWN Classifier for Blood Vessels Extraction from Pathological Retinal Images	International Journal of Pure and Applied Mathematics	119	15	pp:1295-1304	ISSN: 1314-3395	2018	Scopus
10.	Dr.Jhansi Rani A	K. Sridevi	Performance Analysis of Different Array Configurations For Smart Antenna Applications Using Firefly Algorithm	ARPN Journal of Engineering and Applied Sciences	13	22	pp 8723-8729	ISSN 1819-6608	2019-JAN	Scopus
11.	Dr.Jhansi Rani A	B.M.S. Rani	A Novel Retinal Recognition System for Pathological Retina To Enhance Security	International Journal of Engineering &Technology	Vol: 7	3	PP: 999 -1005	2227-524X	2018	scopus
12.	Dr. Y. Raja Rao	Karunakar Patchala,A M Prasad	EBG Structured Metamaterial Inspired Wideband MIMO Antenna for Mutual Coupling Reduction	Revista de la Facultad de Agronomia de la Universidad del Zulia	34	3	397-404	0378-7818	21-03-2018	scie
13.	Dr. Potluri Venkata Subbaiah	Ravi Kumar Kandagatla	Posteriori Regularization based Non-Negative Matrix Factorization approach for Speech Enhancement	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	5	pp 541-546	ISSN: 2278-3075	2019-march	scopus

14.	Dr.M Padmaja	K Suvarna Vani, G Sai Kumar	A Novel Method for Object Removing and Filling Using Exemplar Based Image Inpainting	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	6	pp 1069-1072	ISSN: 2278-3075	2019-april	scopus
15.	Dr. Khalim Amjad Meerja	K. Almustafa, M. Alenezi	Cloud based SDN and NFV Architectures for IoT Infrastructure	Egyptian Informatics Journal	20	1	pp 1-10	https://doi.org/10.1016/j.eij.2018.03.004	2018	esci
16.	Dr. N S Murthy	G. Bhargavi	Data Channel Motive and Pursurance fot the LTE Narrowband	International Journal of Pure and Applied Mathematics	120	6	7149-7168	1314-3395	July 2018	scopus
17.	Nimmagadda. Satyanarayana Murthy		Environmental Air Pollution Monitoring System In Vijayawada	International Journal of Recent Technology and Engineering	7	6	P1119-1122	ISSN 2277-3878	2019-jan	scopus
18.	Dr. A Vijaya Sankar	A. Rajesh Kumar	Reduction of Ocular Artifacts in single channel EEG by EEMD-IMF Thresholding	STM Journal	5	1	17-25	ISSN: 2393-875	2018	UGC recognise d journals
19.	Dr.Pallikonda Sarah Suhasini	Oggu Narendra Babu	IOT Based Driver Safety and Alertness System	Journal of Advanced Research in Dynamical & Control Systems	10	7	1307-1313	1943-023X	July 2018	SCOPUS
20.	Dr.Pallikonda Sarah Suhasini	Boddula Balaji	Integrated Assistance System for Blind	International Journal of Engineering and Advanced Technology	8	5	1604-1606	2249-8958	2019jan	SCOPUS

21.	Dr. Praveen Naidu	Rajeshkumar, V., Rengasamy, Aravind Kumar	A compact meta-atom loaded asymmetric coplanar strip-fed monopole antenna for multiband operation	AEU - International Journal of Electronics and Communications	98		p 241-247	DOI: 10.1016/j.aeue.2018.10.011	Jan-19	sci
22.	Dr. Praveen Naidu	Kumar, A., Kumar v	Uniplanar Y and L shaped ACS fed multiband and wideband compact printed antenna for advanced wireless communication systems	MicrosystemTechnologies	24	4	p 2051-2061	DOI: 10.1007/s00542-017-3606-3	Apr-18	sci
23.	Dr. Praveen Naidu	Kumar, A	Multi feed multi band uniplanar ACS fed antenna with N shape and inverted L shape radiating branches for wireless applications	MicrosystemTechnologies	24	4	p 1863-1873	DOI: 10.1007/s00542-017-3565-8	Apr-18	sci
24.	Dr. Praveen Naidu	Kumar A., Rajkumar	Design, analysis and fabrication of compact dual band uniplanar meandered ACS fed antenna for 2.5/5 GHz applications	MicrosystemTechnologies	25	1	p97-104	DOI: 10.1007/s00542-018-3937-8	Jan-19	sci
25.	Dr. Praveen Naidu	K,Rajasekhar,Raveendra, P, Siva Charan. M, Sai Harish	Low profile microstrip fed printed antenna for portable RF energy harvesting system	International Journal of Engineering &Technology	7	2	p828-831	DOI: 10.14419/ijet.v7i2.12435	2018	scopus

26.	Dr. M. Durga Prakash	P. Bhargavi, K. Srinivasa Reddy	Design and Implementation of RNS Filter using Modular-Multipliers	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	9	p1325-1329	ISSN: 2278-3075,	2019	scopus
27.	Dr. M. Durga Prakash	G. Revanth Kumar, K. Naga Sunanda	An 86 dB Gain 18.06 mVrms Input-referred Noise LNA for Bio-medical Applications	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	8	p1611-1615	ISSN: 2278-3075,	2019	scopus
28.	Dr. K Srinivasa Reddy	Ganapathi Hedge, Telugu kupp shetty ramesh	A new approach for 1-D and 2-D DWT architectures using LUT based lifting and flipping cell	AEU - International Journal of Electronics and Communications	97		165-177	https://doi.org/10.1016/j.aeue.2018.10.002	2018-DEC	SCI
29.	Dr. Aniruddh Bahadur Yadav	, P.V.L. Parvathi b, Ruba Thabassum Shaik b	Effect of precursor chemistry on the structural and sensing properties of hydrothermally grown nanorods	Applied Physics A Materials sciences and processing	125	6	pp 1-9	0947-8396	Jun 2019	sci
30.	Padarti Vijaya Kumar	Venkateswara Rao Nandanavanam	A novel method for joint- PAPR mitigation in OFDM-based massive MIMO downlink systems	International Journal of Engineering & Technology,	7	3	1185-1188	2227-524X ,doi: 10.14419/ijet.v7i3.13009	2018	Scopus
31.	P Satyanarayana	V B K L Aruna, jainuddin sk	Multiple targets detection in the marine environment using MATLAB	International Journal of Engineering & Technology	Vol: 7	7	2397-2402	DOI: 10.14419/ijet.v7i4.14088	2018	scopus

32.	Sk Khaleelahmed	N Venkateswara Rao	Systematic Analysis And Strategic Review Of MIMO-NOMA Systems	ARNP Journal of Engineering and Applied Sciences	14	5	993-1004	ISSN: 1819-6608	2019-march	SCOPUS
33.	Sk Khaleelahmed	N Venkateswara Rao	Priority Based Scheduling for Energy Efficient Power Allocation in MIMO-NOMA System with Multiple Users	International Journal of Intelligent Engineering and Systems	12	4	348-357	ISSN:2185-310X	2019-april	SCOPUS
34.	V. Saritha	B. Teertha Priyanka, K. Rekhamchala, CH. Jothi Naga Sindhura, P. Sai Amal Mohith,	Analysis and Design of Compact Triple Band Notched Circular Monopole Antenna Using Mushroom EBG Structures and Compact Spiral Slotted EBG Structures	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	4	p 520-525	ISSN: 2278-3075,	Feb-19	SCOPUS
35.	V. Saritha	Pravallika Injarapu, Harsha Sanka, Naga Sai Manasa, Vineeth Chowdary,	Analysis and Design of a Low Profile Multiband Antenna for IOT Applications	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	4	p535-540	ISSN: 2278-3075,	Feb-19	SCOPUS
36.	Yaddanapudi Sarada Devi,	Ganganagunta Sai Dheeraj, Vuyala Naga Vamsi	A Novel Method to Detect the Amount of Silica Levels in Mines	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	6	pp 1022-1025	ISSN: 2278-3075,	april-2019	SCOPUS

37.	B.Alekhya	Raviteja, Ch. Padmanjali, D. Venkata Sai Kalyan,G. Chakravarthy, M. Venkata Ramya	Analysis and Design of Hexagonal Patch Antenna with Fractals for wide Band Applications	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	8	pp583-587	ISSN: 2278-3075,	2019-june	SCOPUS
38.	B.Alekhya	Vijay gopala kamaraju. kota,sowmyalatha matta	Smart surveillance and security	JASC: Journal of Applied Science and Computations	6	4	pp1-3	ISSN NO: 1076-5131	april-2019	UGC approved
39.	P Raveendra	V. Ravi, Dinesh Sharma, Purnima K, Dr. Praveen Vummadisetty. Naidu, A. Ravi Raja, Arvind Kumar, Abhaya P. Singh	Design of Compact Wideband Unequal Wilkinson Power Divider with Improved Isolation	International Journal of Engineering and Technology (UAE)	7	3	p1063-1066	doi: 10.14419/ijet.v7i3.13219	2018	SCOPUS
40.	P Raveendra	M. Siva Charan , Dr. Praveen Vummadisetty. Naidu ,A. Rajasekhar , Gaurav Bansod , Arvind Kumar	Simulation Design of Unequal Five Way Power Divider for EW Applications	International Journal of Engineering and Technology (UAE)	7	3	p 1059-1062	<u>DOI: 10.14419/ijet.v7i3.13155</u>	2018	SCOPUS
41.	Rajasekhar Turaka	B Nagasailakshmi	Design of Low- Area, power Fault Tolerant Parallel FFTs Using Trellis Codes	International Journal of Engineering &Technology	Vol: 7	4	2338-2343	2227-524X	Sep 2018	scopus
42.	Rajasekhar Turaka	M. Satya Sai Ram	Low Power VLSI Implementation of Real Fast Fourier Transform with DRAM-VM-CLA	Microprocessors and Microsystems	69		92-100	ISSN: 0141-9331		SCI

43.	K.V.Ratna prabha	v.vamsi sudheera,n.lavanya	Unified Approach to Identification and Analysis of Noise in speech processingSystems	JARDCS			1439-1445	ISSN: 1943-023X	April2019	scopus
44.	G Kishore Kumar	Narayanam Balaji, Kotha Srinivasa Reddy, Vemu Thanuja	Power and Area Efficient Radix-8 Booth Multiplier for 2-D DWT Architecture	International Journal of Intelligent Engineering and Systems	12	3	148-155	2185-3118	june,2019	Scopus
45.	M Bhagyalakshmi	Sowjanya, Dr N N Sastry	Compact Antipodal Vivaldi antenna with rectangular slots and shaping of flare to cover 6 to 18 GHz	Electromagnetics	Vol. 38	7	1-14	ISSN: 0272-6343 (Print) 1532-527X (Online)	Nov 2018	SCI
46.	M Bhagyalakshmi	Chitturi L. Prasanna*, Munagoti B. Lakshmi, and Neti N. Sastry	A Parametric Analysis & Design of All Metal Vivaldi Antenna Covering 3.0–18 GHz for DF and Phased Array Applications	Progress in electromagnetics research	Vol. 92		57–69	ISSN 1937-8718	2019	sci

International conferences

S.No	Author	Co-Author	Title of The Book/Chapters Published	Title of Conference	Name of Proceedings of Conference	Title of Paper	Date & Year	Place of Organising /Institute Name	Indexing	National / International	Isbn/Issn Number of The Proceeding
1	Dr.K.Sri Rama Krishna	K.Aruna Kumari		International Conference on Research Trends in Engineering, Applied Science and Management	ICITE ASM-2018	PAPR lessening execution, BER execution and computational complexity nature with Less Complexity	2018	Osmania University Campus, Hyderabad		International	ISBN: 978-93-87433-24-3

2	Dr.Jhansi Rani A	M. Satish Kumar		2nd Internation al Conferenc e on Innovative Trends in Engineerin g, Applied Science and Managem ent (ICITEAS M-2018)	ICITE ASM- 2018	Electromag netic Interference (EMI) & Electromag netic Compatibili ty(EMC	20th May 2018	Osmania University Campus, Hyderabad, Telangana, India		Interna tional	ISBN: 978- 93-87433- 24-3
3	Dr.Jhansi Rani A	B. M. S. Rani		First Internation al Conferenc e on Artificial Intelligenc e and Cognitive Computin g , Advances in Intelligent Systems and Computin g		A Hybrid Biometric Identificatio n and Authenticati on System with Retinal Verification Using AWN Classifier for Enhancing Security	2018		Sprin ger	Interna tional	https://doi.org/10.1007/978-981-13-1580-0_54

4	Dr.Jhansi Rani A	B. M. S. Rani		First International Conference on Artificial Intelligence and Cognitive Computing , Advances in Intelligent Systems and Computing		A Powerful Artificial Intelligence -Based Authentication Mechanism of Retina Template Using Sparse Matrix Representation with High Security	2018		Springer	International	https://doi.org/10.1007/978-981-13-1580-0_65
5	Dr.Jhansi Rani A		Microelectronics, Electromagnetics and Telecommunications			Performance Analysis of LMS and Fractional LMS Algorithms for Smart Antenna System	2019		Springer	International	-
6	Dr. P.V. Subbaiah	Rama Krishna Y, V. Ratna Kumari	Advances in Intelligent Systems and Computing, Book Series(AISC)			A Novel Adaptive Beamforming Algorithm for Smart Antennas	Feb-19		Springer	International	-

7	Dr.M. Padmaja	Suvarna Vani Koneru, Arul Raj M, Praveen Kumar Kollu, Lokesh Bokinala, A.Ravi Raja , Jitendra A		IEEE Internation al Conferenc e on Aerospace Electronic s and Remote Sensing Technolog y	ICARE S	Detection and Enumeratio n of Trees using Cartosat2 High Resolution Satellite Imagery	2018	Indonesia	IEEE	Interna tional	ISBN 978-1- 5386-6032- 4/18.
8	Dr. N.S. Murthy			young scientist conference	India Internat ional Science Festival -2018	Remote Robot Control for Under Ground pipeline Managemen t	05-06 oct,201 8	lucknow		Interna tional	
9	Dr. Naidu, P.V	Sharma, D., Kumar, A., Rohini, R., Sharma, P		Progress in Electroma gnetics Research Symposiu m		Semi Circular Printed Monopole Antenna with \mho Shaped Slot for UWB Application s	2018	japan	IEEE & SCOP US	Interna tional	

10	Dr. Naidu, P.V	Charan, M.S., Kumar, A.Sharma, P., Harish, K.S		Progress in Electroma gnetics Research Symposiu m		Design of 5 Way Wide Band Wilkinson Power Divider for 6 to 18 GHz Application s	2018	japan	IEEE & SCOP US	Interna tional	
11	CH.Vijaya Durga	G,Chakravart hy, B.Alekhya		Internation al Conferenc e on Inventive research in computer aplication s	ICIRC A-2018	Efficient data dessionation in VANETs urban Scenario	JULY 11-12, 2018	Coimbatore, tamilnadu	IEEE	Interna tional	
12	Satyanarayana pamarthi	V.B.K.L. Aruna, N.Srilatha		2018 Third Internation al Conferenc e on Electrical, Electronic s, Communi cation, Computer Technolog ies and Optimizati on Technique s	ICEEC COT 2018	Implementa tion of Automatic Bus Fare Collection System using IOT	14-15, Decem ber 2018	mysuru	IEEE & SCOP US	Interna tional	978-1-5386- 5130-8/18

13	Rajasekhar Turaka	Dr. M. Satya sairam		2018 Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques	ICEEC COT 2018	Low complexity High speed memory based RFFT Architecture with carry increment adder and pipelined adder	14-15, December 2018	Mysore	IEEE & SCOP US	International	978-1-5386-5130-8/18
14	P.VIJAYA KUMAR	Dr.N.VENKATESWARA RAO		2018 Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques	ICEEC COT 2018	ANovel Method ICI Cancellation in MIMO-OFDM Systems	14-15, December 2018	Mysore	IEEE & SCOP US	International	978-1-5386-5130-8/18

15	K Vara Prasad	Dr. M V S Prasad		2018 Third International Conference on Electrical, Electronic s, Communi cation, Computer Technolog ies and Optimizati on Technique s	ICEEC COT 2018	Surface Wave Suppression in Patch Arrays using E- Shape EBG	14-15, Decem ber 2018	Mysore	IEEE & SCOP US	Interna tional	978-1-5386- 5130-8/18
16	B Alekhya	L. Sai praneeth, K. Vamsi		2018 Third International Conference on Electrical, Electronic s, Communi cation, Computer Technolog ies and Optimizati on Technique s	ICEEC COT 2018	Detection Robot for Detecting Alive Humans during Calamities	14-15, Decem ber 2018	Mysore	IEEE & SCOP US	Interna tional	978-1-5386- 5130-8/18

17	P. Raveendra	V Siva Reddy, G.Venkatasu bbaiah		International Conference on recent advances in materials manufacturing and energy systems	ICRA MMES -2019	Vision based weed recognition using labview environment for agricultural applications	Jan-19	VRSEC, VZA	Scopus	International	
18	G Kishore Kumar			International Conference on Research Advancements in Applied Engineering Sciences, Computer and Communication Technologies		Area-Power Efficient Radix-8 Booth Multiplier for Lifting Scheme DWT	2018	Hyderabad	Scopus	International	

19	K.Premchand	Dr. N.N.Sastry		Third IEEE International conference on Electrical, Computer and Communication Technologies	ICECC T 2019	Tapered slot antenna covering 6-18 GHz for Electronic Warfare applications	20-22, Feb, 2019	Coimbatore, TN.	IEEE & SCOPUS	International	
	V B K L Aruna	D Sravani		International Conference on Innovations in Engineering and Management	Amaravati Research Academy	Design of CMOS 13TSRAM Cell for low power applications	22-23 Feb 2019vijayawada	Vijayawada	UGC	International	
	V B K L Aruna	T Sarmista, P Lakshita		International Conference on Innovations in Engineering and Management	Amaravati Research Academy	Design of CMOS 13TSRAM Cell for low power applications	22-23 Feb 2019vijayawada	Vijayawada	UGC	International	