

SIR C R REDDY COLLEGE OF ENGINEERING, ELURU
DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

Staff Journals details Yearwise:

A.Y: 2019-20

No. of Web of Science/ Scopus journals	No. of UGC journals	Books/book chapters
18	5	-

S.no	Name of the faculty	Co-authors	Title of the paper	National /International Journal	Vol/ISSN no,DOI	Indexing, Impact Factor, Citations
1	Dr. T. Venkateswara rao	N.Venkata bhaskar,	1.Test system for evaluation of spacecraft Command distribution hardware	International journal of application or innovation in engineering & management (IJAEM),	(paper id: IJAEM-2020-07-22-15,volume 9, issue 7, july 2020,issn 2319 – 4847	UGC
2	Dr. P.H.S.Tejo Murthy	N.anjali devi,t.lokesh, s.rao	2.Compact modeling of capacitance based 14nm triple gate finfet using verilog-a	JCTN	Issn:1546-1955(print),vol - 17,no.xx,2020, DOI:10.1166/jctn.2020.9278	Scopus, 0.457
		N.anjali devi,t.lokesh, s.rao	3.Design and modelling of low power 14nm single finsoi-tg-finfet with power gating technique to lower the poweeder dissipation in stand-by mode	Amsj,advanced maths	Issn:1957-8365(print),1857-8438(eletronic),vol:9,no.7,2020 Spec.issue on rdestm-2020. DOI:https://doi.org/10.37418/amsj.9.7.33 s	Scopus

		Prema kumar medapatil k.p. sridhar	4.Lamstar: for IoT-based face recognition system to manage the safety factor in smart cities,	TransEmergingT elTech.2019;e38 43. wileyonlinelibra ry.com/journal/e tt ©2019JohnWile y&Sons,Ltd.	Received: 20 october 2019 revised: 11 november 2019 accepted: 23 november 2019 DOI: 10.1002/ett.38 43,	2.638,Ci ted:8, SCI
		P.v.t.lokesh kumar, dharmiredd y ajay kumar,	5.Design of a NEMS cantilever sensor for explosive detection	International journal of engineering and advanced technology (ijeat)	Issn: 2249 – 8958, volume- 8, issue-6s2, august 2019, Retrieval Number: F12220886S21 9/2019©BEIES P DOI:10.35940/ ijeat.F1222.08 86S219	Scopus ,0.46
3	I.Hemalatha	P.v.sridevi	6.Velocity estimation of moving targets using discrete wavelet decomposition in sar imaging	Bbrc,thomos reters isi web of science clarivate analytics usa and crossref indexed journal	Special issue vol-13 n0(2)2020 pp,print issn:0974- 6455,online:23 21-4007, DOI: 10.21786/bbrc/ 13.1/00	sjif(4.19 6), ESCI
		K.Jhansi	7.Wheeze detection for respiration sound signals using convolutional neural networks	Advance science letters	E-ISSN:1936- 7317	Peer Reviewe d,SJR:0. 126
4	R. Satish	P.rajesh kumar	8.Efficient method for segmetation of noisy and non-circular iris images using improved particle swarm optimisation based mrfcm	Journals & magazines,IET biometrics	Vol-9,issue- 2,march 2020,p,78- 90, DOI:10.104 9/iet- bmt.2019.0026 ,print issn 2047- 4938,online, issn:2047-4946	Scopus (elsevier) ESCI,Ci ted:2

		Miranji katta, ramkumar adireddi , jagadeeshwara rao emandi	9. A preliminary review on novel coronavirus disease: covid-19	Review paper, 2020 bentham science publishers, Corona viruses, 2020, 1, 90-97 Page: [90 - 97]	DOI: 10.2174/2666796701999200615155630 Coronaviruses, 2020, vol. 1, no. 1, 2666-7967/20	Scopus
5	M. Ravi Kumar	Poornaiah Billa, Telagathoti Pitchaiah, Anandbabu Gopatoti, Kiran Kumar Gopathoti	10. Tumor classification and extraction from MRI images using support vector machines (SVM)	Journal of Critical Reviews	ISSN- 2394-5125 Vol 7, Issue 14, 2020 DOI: http://dx.doi.org/10.31838/jcr.07.14.1000 ,	peer reviewed open access journal
6	Ch. Ravi kumar	K. padmaraju	11. Exit chart analysis for channel encoder with security	Bioscience, biotechnology, comm, thomson reuters isi web science clarivate analytics usa & crossref indexed journal	Special issue, vol 13 no(2) 2020 pp-00-00, print: issn: 0974-6455, online issn: 2321-4007, http://www.bbrc.in/ DOI: 10.21786/bbrc/13.1/00	Naas journal score 2020(4.31), sjif(4.196), ESCI
7	Ajaykumar Dharmireddy	Anjani Devi N, Sreenivasa Rao Ijjada	12. Performance analysis of double gate hetero junction tunnel fet	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	ISSN: 2278-3075, Volume-9 Issue-2S3, December 2019, Retrieval Number: B10581292S319/2019 © BEIES P DOI: 10.35940/ijitee.B1058.1292S319	Scopus
		Anjani devi n sreenivasarao	13. Performance characteristics of tfet over mosfet, dg-	Test engineering & management	Issn: 0193 – 4120, article info	Scopus

		ijjada,	Mosfet and finfet		Volume 82 Page number: 6164 - 6170 Publication issue: January- february 2020	
8	H.Sudhakar	Dr.rambabu busi, j.nageswara rao, dr. G rajendra kumar	14. A new analysis on assessment of sentiments Using Eeg signals and bci	Jour of adv research in dynamical & control systems	Vol. 12, issue- 02, 2020, DOI: 10.5373/JARD CS/V12I2/S20 201133	Scopus
		M.Sai sri Mounica	15. A novel low complexity based dynamic query compressive sensing in wireless sensor networks	International journal of research	8(6),ISSN:223 6-6124	UGC
9	K.J.Silva Lorraine	N. Raj kamala	16. Comparative analysis of various beam forming techniques for interference cancellation in gps receivers	IJRECE	Issn(P): 2393- 9028, (O):2348-2281 Vol 7, issue- 3, sept 2019.	Index copernic us
10	G. Srilatha	Raju,gsn,sun nydayal,p.a.	17. Compact and mutual coupling reduced resonance- based reflector antenna for eletromagnetic imaging applications	Solid state technology scopus	Vol:63 issue:1s,2020	Scopus
11	R.Trinadh	S.V.Sirisha	18. Design and area optimization of 1kb memory using 45nm cmos 6t Sram cell	IJAEMA:the international journal of analytical And experimental modal analysis	Issn no: 0886- 9367,vol:xii.iss ue vii,july/2020	UGC,Sc ientific journal impact factor – 6.3
12	M.Vamsi krishna allu	G.sujatha,k.l avanya	19. Performance evaluation of 10t sram cell structures at adiabatic technique	Journal of critical review Jcs	Issn no:2394- 5125,vol 7,issue 17,2020	Scopus
13	V.Ranjith kumar	Pala sri divya	20. Design of low power 11 t sram using adiabatic Switching circuit design for low power Applications	Journal of critical review,	Issn-2394- 5125,vol 7,issue 17,2020	Scopus

14	K.miranji	R.sandana lakshmi	21.Geometrical sensitivity analysis of bio,nano electromechanical system using fem analysis for disease detection	CODEN: BBRCBA Thomson Reuters ISI Web of Science Clarivate Analytics USA and Crossref Indexed Journal NAAS Journal Score 2020 (4.31) SJIF: 2019 (4.196) A Society of Science and Nature Publication, Bhopal India 2020. All rights reserved	Print:issn:0974 - 6455,online:23 21-4007,issue no:2 Vol:13,12/5/20 20,pg:49-58	ESCI, 4.196
		R.sandana lakshmi, M. Narendra Kumar, and Ch. Jaya Prakash	22.Static and dynamic analysis of CNT cantilever for nano eltro mechanical systems based applications	Journal of Computational and Theoretical Nano science	Issn:1546-1955,doi no:10.1166/jctn .2020.8862,vol: 17,issue no:5,may 2020,pg no:2151-2156, DOI:10.1166/j ctn.2020.8862	Scopus ,Cited:1
		Avinash reddy Medagam	23.Design and implementation of area efficient hybrid ppa Adder architecture	Journal of critical review, No. 103, section 4,	Issn:2394-5125,vol:7,issue 18,2020	Scopus
15	A.Ram Kumar	K.Purna sindhu	24.Multi-threshold voltage transistor logic and gate diffusion input based alu For power efficient processors”	Science, technology and development Journal	Issn no: 0950-0707, std journal volume ix, issue vii, July 2020	UGC,Scientific journal impact factor – 6.1
16	K.Radha	Sowrathi rajeswar	25.Design of high speed and area efficient 45nm hybrid Encoding and decoding systems using multistage lfsr	Science, technology and developme	Issn : 0950-0707,volume ix issue v may 2020,page no : 370-375	UGC,Impact factor:6.1

17	N.Lavanya	Venkata Ratna Prabha ,K.,Sahithya K	26.IOT Based Industry and Kitchen Monitoring and Controlling	International Journal of Advanced Science and Technology	Vol. 29, No.4, (2020), pp. 3660-3670, ISSN: 2005-4238	Scopus
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