

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

**Staff Journals details Year wise:**

**A.Y: 2019-20**

Web of Science journals			No. of SCOPUS Journals	No. of UGC journals	Books/book chapters
SCI	ESCI	SCIE			
1	4		13	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	<b>Dr. T. Venkateswara rao</b>	N.Venkata bhaskar,	<b>1.</b> 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	<b>Dr. P.H.S.Tejo Murthy</b>	N.anjali devi,t.lokesh, s.rao	<b>2.</b> Compact modeling of capacitance based 14nm triple gate finfet using verilog-a	JCTN	Issn:1546-1955(print),vol - 17,no.xx,2020, <b>DOI:10.1166/jctn.2020.9278</b>	Scopus, 0.457
		N.anjali devi,t.lokesh, s.rao	<b>3.</b> Design and modelling of low power 14nm single finsoi-tg-finfet with power gating technique to lower the poweeer 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. <b>DOI:https://doi.org/10.37418/</b>	Scopus

					<b>amsj.9.7.33 s</b>	
		Prema kumar medapati l k.p. sridhar	<b>4.Lamstar:</b> for IoT-based face recognition system to manage the safety factor in smart cities,	TransEmergingT elTech.2019;e38 43. wileyonlinelibra ry.com/journal/ett ©2019JohnWile y&Sons,Ltd.	Received: 20 october 2019 revised: 11 november 2019 accepted: 23 november 2019 <b>DOI: 10.1002/ett.38 43,</b>	2.638,Ci ted:8, SCI
		P.v.t.lokesh kumar, dharmireddy ajay kumar,	<b>5.Design</b> 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 <b>DOI:10.35940/ ijeat.F1222.08 86S219</b>	Scopus ,0.46
3	<b>I.Hemalatha</b>	P.v.sridevi	<b>6.Velocity</b> 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, <b>DOI: 10.21786/bbrc/ 13.1/00</b>	sjif(4.19 6), ESCI
		K.Jhansi	<b>7.Wheeze</b> detection for respiration sound signals using convolutional neural networks	Advance science letters	E-ISSN:1936- 7317	Peer Reviewed,SJR:0. 126
4	<b>R. Satish</b>	P.rajesh kumar	<b>8.Efficient</b> 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, <b>DOI:10.104 9/iet- bmt.2019.0026</b> ,print issn 2047- 4938,online, issn:2047-4946	Scopus (elsevier ), ESCI,Ci ted:2

		Miranji katta,ramkumar adireddi And jagadeeshwara rao emandi	<b>9.</b> A preliminary review on novel coronavirus disease: covid-19	Review paper,2020 bentham science publishers, Corona viruses, 2020, 1, 90-97 Page: [90 - 97]	<b>DOI: 10.2174/2666796701999200615155630</b> Coronaviruses, 2020, vol. 1, no. 1, 2666-7967/20	Scopus
5	<b>M.RaviKumar</b>	Poornaiah Billa , Telagathoti Pitchaiah, Anandbabu Gopatoti, Kiran Kumar Gopathoti	<b>10.</b> 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: <a href="http://dx.doi.org/10.31838/jcr.07.14.1000">http://dx.doi.org/10.31838/jcr.07.14.1000</a> ,	peer reviewed open access journal
6	<b>Ch. Ravi kumar</b>	K.padmaraju	<b>11.</b> Exit chart analysis for channel encoder with security	Bioscc.biotech.res.comm, thomson reuters isi web science clarivate analytics usa & crossref indexed journal	Special issue ,vol 13 no(2) 2020 pp-00-00,print:issn:09974-6455,online issn:2321-4007, <a href="http://www.bbrc.in/">http://www.bbrc.in/</a> DOI: <b>10.21786/bbrc/13.1/00</b>	Naas journal score 2020(4.31),sjif(4.196), ESCI
7	<b>Ajaykumar Dharmireddy</b>	Anjani Devi N, , Sreenivasa Rao Ijjada	<b>12.</b> Performance analysis of double gate hetero junction tunnel fet	International Journal of Innovative Technology and Exploring Engineering	ISSN: 2278-3075, Volume-9 Issue-2S3, December 2019, Retrieval Number:	Scopus

				(IJTEE)	B10581292S319/2019©BEIES P DOI: <b>10.35940/ijtee.B1058.1292S319</b>	
		Anjani devi n , sreenivasarao ijjada,	<b>13.</b> Performance characteristics of tfet over mosfet, dg-Mosfet and finfet	Test engineering & management	Issn: 0193 – 4120,article info Volume 82 Page number: 6164 - 6170 Publication issue: January- february 2020	Scopus
8	<b>H.Sudhakar</b>	Dr.rambabu busi, j.nageswara rao, dr. G rajendra kumar	<b>14.</b> 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: <b>10.5373/JARD CS/V12I2/S20201133</b>	Scopus
		M.Sai sri Mounica	<b>15.</b> A novel low complexity based dynamic query compressive sensing in wireless sensor networks	International journal of research	8(6),ISSN:2236-6124	UGC
9	<b>K.J.Silva Lorraine</b>	N. Raj kamala	<b>16.</b> 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 copernicus
10	<b>G. Srilatha</b>	Raju,gsn,sun nydayal,p.a.	<b>17.</b> Compact and mutual coupling reduced resonance- based reflector antenna for eletromagnetic imaging applications	Solid state technology scopus	Vol:63 issue:1s,2020	Scopus
11	<b>R.Trinadh</b>	S.V.Sirisha	<b>18.</b> 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,Scientific journal impact factor – 6.3

12	<b>M.Vamsi krishna allu</b>	G.sujatha,k.l avanya	<b>19.</b> 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	<b>V.Ranjith kumar</b>	Pala sri divya	<b>20.</b> 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	<b>K.miranji</b>	R.sandana lakshmi	<b>21.</b> 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	<b>22.</b> 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, <b>DOI:10.1166/jctn.2020.8862</b>	Scopus ,Cited:1
		Avinash reddy Medagam	<b>23.</b> 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	<b>A.Ram Kumar</b>	K.Purna sindhu	<b>24.</b> 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	<b>K.Radha</b>	Sowrathi rajeswar	<b>25.</b> 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	<b>N.Lavanya</b>	Venkata Ratna Prabha ,K,Sahithya K	<b>26.</b> 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

**TOTAL:26**