

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

**Staff Journals details Year wise:**

**A.Y: 2018-19**

Web of Science journals			No. of SCOPUS Journals	No. of UGC journals	Books/book chapters
SCI	ESCI	SCIE			
1	1		22	12	-

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>	Susmitha Padali, Venkata Reddy Kandregula	<b>1.Design Of Gregorian Reflector For Imaging</b>	IJMTE	ISSN No. 2249-7455, Vol no: 8November 2018	UGC,6.3
		P.Sowmithri, M N Venkatesh Babu, M. Renuka	<b>2.A Triangular Slot Band Notched MIMO Antenna for UWB Applications</b>	JARDCS	Volume 11   02-Special Issue, Pages: 1002-1009	Scopus indexing,0.129
		N.Suneetha, P. Sowmithri, T.Poojitha	<b>3.Design of a Compact Sectorial MIMO Antenna for Base Station Systems</b>	JARDCS	Volume 11   02-Special Issue	Scopus indexing, 0.129
		Venkata Reddy kandregul	<b>4.Design of Gregorian Dual Reflector in Ku</b>	IJEAT	ISSN No:2249-	Scopus indexing, SJR 0.104

		a	Band and W-Band for limited scanning		8958	
2	<b>Dr. P.H.S.Tejo Murthy</b>	Maheswarappa B, D Raja Ramesh	<b>5.FPGA based Implementation and Verification of H.264/AVC Encoder</b>	<b>IJET Scopus indexed</b>	Vol: 7 ISSN: 2227-524X September 2018	Scopus indexing ,0.79
		D.Ajay Kumar, Dr .I. Sreenivasa Rao,	<b>6.Performance Analysis of Tri-Gate SOI FINFET structure with various fin heights using TCAD simulation.</b>	JARDCS		Scopus indexing, 0.129,cited:2
3	<b>Hemalatha Inteti</b>	Prathyusha Nimmagadda	<b>7.Signal analysis based radar imaging using radar sensor</b>	Pramana Research International Journal	Volume 9, Issue 6, 2019, ISSN NO: 2249-2976, <a href="https://pramanaresearch.org">https://pramanaresearch.org</a>	UGC,cited:2
		P. V. Sridevi	<b>8.The performance comparison between conventional and modified RDA in real time applications”, “Journal of Science and Technology</b>	Journal of science and technology	Vol-4,issue-3,pg no:1-13	Scopus indexing ,3.015
		P. V. Sridevi	<b>9.A new approach for velocity estimation of moving targets in SAR imaging”</b>	journal of advanced research in dynamical and control systems”, (scopus)	ISSN NO: 2292-2305	Scopus indexing, 0.129
4	<b>R. Satish</b>	P. R. Kumar, M. Raja Sekhar, Y.B.N.V.Bhaskar	<b>10.An efficient method for Segmentation of noisy and Non-circular Iris images</b>	JARDCS		Scopus indexing, 0.129

			using Optimal multi level thresholding			
		P. R. Kumar	<b>11.</b> Efficient Approach For Non-Ideal Iris Segmentation Using Improved PSO Based Multilevel Thresholding And Gacs	IET – Image Processing	Iss: 10, Volume : 122018	SCI indexed,Cited:12
		P. R. Kumar, J.Mandelli	<b>12.</b> A New Approach For Non-Ideal Iris Segmentation Using FCM Based On PSO	Asian Journal of Engineering and Applied Technology	Volume: 7 2018	peer-reviewed International research journal Cited:3
		P. R. Kumar	<b>13.</b> State Of Art Iris Segmentation Methods: A Survey	IJCSE	Volume: 62018	ESCI & UGC Approved Cited:2
5	<b>Ch. Ravi Kumar</b>	K.Padma Raju	<b>14.</b> Reduction of TURBO codes error floor using structured Interleavers	JARDCS(SCOPUS)		Scopus indexed, 0.129
		Dr.K.Padma Raju	<b>15.</b> Hard Decision Decoding Performance Improved Using Turbo Product Codes	IJET	ISSN No.: 228-231, Volume : 7 2018	Scopus Indexed, 0.79 h-index:1, cited:2
6	<b>V. Veerraju</b>	M. Prema Kumar, V. Srinivasa Rao	<b>16.</b> Real Time Edge Detection Using DSP TMS320C6416	Jour of Adv Research in Dynamical & Control Systems, 02-Special Issue, 2019	Vol 11, 02-Special Issue, 2019	Scopus Indexed,, 0.129
7	<b>K.Lakshminarayana,</b>	DrP.Rajesh Kumar, Dr. K. M. Krishna,	<b>17.</b> A Novel Hybrid PrecodingTechnique for Spectrum and Energy Efficient	JARDCS (Journal of Advanced Research in	Vol 11, 02-Special Issue,	Scopus indexed,0.129

		M. Lavanya	Relay's used in Millimeter Wave Massive MIMO Systems	Dynamical and Control Systems )	2019	
		P.Venu madhav,Dr.M.S .G.Prasad	<b>18.</b> Dual band 1*4 octogonal Array for mobile & Wifi Applications	JARDCS (Journal of Advanced Research in Dynamical and Control Systems )	Vol 11, 02-Special Issue, 2019	Scopus indexed,0.129
8	<b>H.Sudhakar</b>	Rambabu Busia , B.Poornaiaha , T.Satyanarayanaa , Y. Srinivasa Rao	<b>19.</b> The effect of high voltage impulses on pvc-graphite polymer thick film resistors	Materials Today proceeding,Els evier	Volume 5, Issue 9, Part 3, 2018, Pages 20321-20325, <a href="https://doi.org/10.1016/j.matpr.2018.06.405">https://doi.org/10.1016/j.matpr.2018.06.405</a>	Scopus indexed
9	<b>P. Hareesh</b>	Ch Jaya Parakash, P.Geetha	<b>20.</b> Concede Threshold Analysis For Logic Gate Designs	IJMTE	ISSN No: 2249-7455, Volume: 8October 2018	UGC,6.3
		P.Gopi Krishna, K.Srinivasa Ravi, D.Ajay Kumar, H.Sudhakar	<b>21.</b> Implementation of bi-directional blue –fi gateway in IOT environment	IJET	ISSN No.: 228-231, Volume : 7 2018	Scopus indexed ,0.79 h-index:1,cited:1

10	<b>K.J.L.S.Loraine</b>	Vijay Babu	<b>22.</b> Power Control In CDMA Using Motdpc Algorithm	IJETIR	ISSN No.: 2349-5162, Vol: 5December 2018	UGC
11	<b>Ch. Jaya Prakash</b>	P.Hareesh, Sk. Farishma	<b>23.</b> Area Of Delay Efficient Design For Parallel Prefix Finite Field Multiplier	IJMTE	ISSN No. 2249-7455, Volume: 8October 2018	UGC ,6.3
		Dr PHS Tejo murthy,sunitha	<b>24.</b> A soft error tolerance technique for combinational circuit using D FF Basedon selective Transistor Redundancy	IJRAR	VOL 6, ISSUE 2,473-477	UGC ,5.75
12	<b>K.Radha</b>	Raviraja.Peddisetti	<b>25.</b> Modified Positive Feedback Adiabatic Logic based low power Multiplexer and Comparator	IJWNBT	Vol.8, Issue 6, pp.-3948-3958 June 2019,ISS N: 2236-6124-	UGC ,3.541
		V.Swathi, I.V.Hari Priya, M.Anirudh	<b>26.</b> Implementation of low power adders and parity circuits using Gate Diffusion Input technique	IJWNBT	Scientific Journal Vol.9, Issue 6, pp.-3766-3780 June 2019,ISS N: 2249-7455	UGC, 3.541
		Kodavali Bhargav Kumar	<b>27.</b> High Speed Aes S-Box/Inv S-Box Design With S.R And M.C Technique”	IJR	Vol.5, Issue 17, pp.399-404	UGC
13	<b>K Miranji</b>	Sandalakshmi R	<b>28.</b> A Technology Overview and Fture	IJET	<b>ISSN:</b> 22 27-524X	Scopus

			scope of BioMEMSS I Trpical Disease Detection:Review		Vol -7, issue:12J ULY 2018	indexed ,0.79 h-index:1
		Nemalipuriprav allika	<b>29.</b> Enhanced performance and speed of flip-flop using conditional boosting flip-flop technique	IJRAR June 2019	(E-ISSN 2348-1269, P-ISSN 2349-5138), Volume 6, Issue 2	UGC
		Ch JayaPrakash, M Narendra Kumar,Surendra Babu Velagaleti,A Mohana Vamsi Krishna	<b>30.</b> Comparative analysis of lead-free piezoelectric material for ultrasonic glucose sensing applications	Jour of Adv Research in Dynamical & Control Systems,	Vol. 11, 02-Special Issue, 2019	Scopus indexed,0.129
14	<b>G.Srilatha</b>	P.Sasibala, N. Swathi, O Rangarao	<b>31.</b> Design and Analysis of Mutual Coupling Reduced and high isolation Multi Antenna System with the help of Meander lines and EBG Decoupling	JARDCS		Scopus indexed
		Rangarao Orugu, N Mary leena, A K Chaitanya Varma	<b>32.</b> Varying Operating Frequency Of Concentric Circular Ring Patch Antenna Using High Impedance Surface	IJET	Vol: 7 ISSN: 2227-524X September 2018	Scopus indexed ,0.79
15	<b>V Vamsi Sudheera</b>	K.V.Ratna Prabha, N.Lavanya	<b>33.</b> Unified Approach to Identification and Analysis of Noise in speech processingSystems	JARDCS (Scopus)	02:Special Issue, (ISSN:1943-023X) Pg:1439-1445	Scopus indexed, SJR(0.11)

		S. Rupa Sri	<b>34.</b> An Efficient low Complexity channel Estimation Technique for Polar Codes in Wireless 5G	Internatinal journal of Research	Impact factor: 2.593 Vol.No:V III, Issue:V (ISSN:22 36-6124)	UGC
16	<b>Ch. Madhava Rao</b>	P. Srinivasulu, Ch. Amarnath Sarma, K.Rasool Reddy	<b>35.</b> Image Defogging algorithm based on Fusion approach	JARDCS		Scopus indexed
17	<b>R Trinadh,</b>	P.MuraliBabu	<b>36.</b> Folded Architecture based Carry Skip Adder for M-Bit	JETIR	Impact Factor: 5.87, Vol. 5, Issue -12, Pg: 128-133, ISSN: 2349-5162	UGC,6.97
18	<b>N.Suneetha</b>	Deepak Kumar Nayak	<b>37.</b> Channel Estimation in MIMO - OFDM: a review	Jour of Adv Research in Dynamical & Control Systems	Vol. 11, 02- Special Issue, 2019	Scopus indexed

**TOTAL :37**