

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

Staff Journals details Yearwise:

A.Y: 2018-19

No. of Web of Science/ Scopus journals	No. of UGC journals	Books/book chapters
24	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	Dr. T, Venkateswara Rao	Susmitha Padali, Venkata Reddy Kandregula	1.Design Of Gregorian Reflector For Imaging	IJMTE	ISSN No. 2249-7455, Vol no: 8November 2018	UGC,6.3
		P.Sowmithri, MN Venkatesh Babu, M. Renuka	2.A Triangular Slot Band Notched MIMO Antenna for UWB Applications	JARDCS	Volume 11 02-Special Issue, Pages: 1002-1009	Scopus indexing, 0.129
		N.Suneetha, P. Sowmithri, T.Poojitha	3.Design of a Compact Sectorial MIMO Antenna for Base Station Systems	JARDCS	Volume 11 02-Special Issue	Scopus indexing, 0.129
		Venkata Reddy kandregula	4.Design of Gregorian Dual Reflector in Ku Band and W-Band	IJEAT	ISSN No:2249-8958	Scopus indexing, SJR 0.104

			for limited scanning			
2	Dr. P.H.S.Tejo Murthy	Maheswarappa B, D Raja Ramesh	5.FPGA based Implementation and Verification of H.264/AVC Encoder	IJET	Vol: 7 ISSN: 2227-524X September 2018	Scopus indexing, 0.79
		D.AjayKumar, Dr .I.Sreenivasa Rao,	6.Performance Analysis of Tri-Gate SOI FINFET structure with various fin heights using TCAD simulation.	JARDCS		Scopus indexing, 0.129, cited:2
3	Hemalatha Inteti	Prathyusha Nimmagadda	7.Signal analysis based radar imaging using radar sensor	Pramana Research International Journal	Volume 9, Issue 6, 2019, ISSN NO: 2249-2976, https://pramanaresearch.org	UGC, cited:2
		P. V. Sridevi	8.The performance comparison between conventional and modified RDA in real time applications	Journal of science and technology	Vol-4, issue-3, pg no:1-13	Scopus indexing, 3.015
		P. V. Sridevi	9.A new approach for velocity estimation of moving targets in SAR imaging”	journal of advanced research in dynamical and control systems”, (scopus)	ISSN NO: 2292-2305	Scopus indexing, 0.129
4	R. Satish	P. R. Kumar, M. Raja Sekhar, Y.B.N.V.Bhaskar	10.An efficient method for Segmentation of noisy and Non-circular Iris images using Optimal multi level thresholding	JARDCS		Scopus indexing, 0.129
		P. R. Kumar	11.Efficient Approach For Non-Ideal Iris Segmentation Using	IET – Image Processing	Iss: 10, Volume : 122018	SCI indexed, Cited:12

			Improved PSO Based Multilevel Thresholding And Gacs			
		P. R. Kumar, J.Mandelli	12.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	13.State Of Art Iris Segmentation Methods: A Survey	IJCSE	Volume: 62018	ESCI & UGC Approved Cited:2
5	Ch. Ravi Kumar	K.Padma Raju	14.Reduction of TURBO codes error floor using structured Interleavers	JARDCS(SCOPUS)		Scopus indexed, 0.129
		Dr.K.Padma Raju	15.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	V. Veeraj	M. Prema Kumar, V. Srinivasa Rao	16.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	K.Lakshminarayana,	DrP.Rajesh Kumar, Dr. K. M. Krishna, M. Lavanya	17.A Novel Hybrid PrecodingTechnique for Spectrum and Energy Efficient Relay's used in Millimeter Wave Massive MIMO Systems	JARDCS (Journal of Advanced Research in Dynamical and Control Systems)	Vol 11, 02-Special Issue, 2019	Scopus indexed,0.129
		P.Venu madhav,Dr.M.S .G.Prasad	18.Dual band 1*4 octogonal Array for mobile & Wifi Applications	JARDCS (Journal of Advanced Research in	Vol 11, 02-Special Issue,	Scopus indexed,0.129

				Dynamical and Control Systems)	2019	
8	H.Sudhakar	Rambabu Busia , B.Poornaiaha , T.Satyanarayana , Y. Srinivasa Rao	19. The effect of high voltage impulses on pvc-graphite polymer thick film resistors	Materials Today proceeding, Elsevier	Volume 5, Issue 9, Part 3, 2018, Pages 20321-20325. https://doi.org/10.1016/j.matpr.2018.06.405	Scopus indexed
9	P. Hareesh	Ch Jaya Parakash, P.Geetha	20. Concede Threshold Analysis For Logic Gate Designs	IJMTE	ISSN No: 2249-7455, Volume: 8 October 2018	UGC,6.3
		P.Gopi Krishna, K.Srinivasa Ravi, D.AjayKumar, H.Sudhakar	21. 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	K.J.L.S.Loraine	Vijay Babu	22. Power Control In CDMA Using Motdpc Algorithm	IJETIR	ISSN No.: 2349-5162, Vol: 5 December 2018	UGC
11	Ch. Jaya Prakash	P.Hareesh, Sk. Farishma	23. Area Of Delay Efficient Design For Parallel Prefix Finite Field Multiplier	IJMTE	ISSN No. 2249-7455, Volume: 8 October 2018	UGC ,6.3
		Dr PHS Tejo murthy, k	24. A soft error tolerance technique	IJRAR	VOL 6, ISSUE	UGC ,5.75

		sunitha	for combinational circuit using D FF Based on selective Transistor Redundancy		2,473-477	
12	K.Radha	Raviraja.Peddisetti	25. 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	26. 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	27. 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	K Miranji	Sandanalakshmi R	28. A Technology Overview and Future scope of BioMEMSS I Typical Disease Detection:Review	IJET	ISSN:22 27-524X Vol -7, issue:12J ULY 2018	Scopus indexed ,0.79 h-index:1
		Nemalipuripravallika	29. 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	30. Comparative analysis of lead-free piezoelectric material for	Jour of Adv Research in Dynamical & Control Systems,	Vol. 11, 02-Special Issue, 2019	Scopus indexed,0.129

		Velagaleti,A Mohana Vamsi Krishna	ultrasonic glucose sensing applications			
14	G.Srilatha	P.Sasibala, N. Swathi, O Rangarao	31. 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	32. 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	V Vamsi Sudheera	K.V.Ratna Prabha, N.Lavanya	33. Unified Approach to Identification and Analysis of Noise in speech processing Systems	JARDCS (Scopus)	02:Special Issue, (ISSN:1943-023X) Pg:1439-1445	Scopus indexed, SJR(0.11)
		S. Rupa Sri	34. An Efficient low Complexity channel Estimation Technique for Polar Codes in Wireless 5G	International journal of Research	Impact factor: 2.593 Vol.No:V III, Issue:V (ISSN:2236-6124)	UGC
16	Ch. Madhava Rao	P. Srinivasulu, Ch. Amarnath Sarma, K.Rasool Reddy	35. Image Defogging algorithm based on Fusion approach	JARDCS		Scopus indexed
17	R Trinadh,	P.MuraliBabu	36. Folded Architecture based Carry Skip Adder for M-Bit	JETIR	Impact Factor: 5.87, Vol. 5, Issue -12, Pg: 128-133,	UGC,6.97

					ISSN: 2349- 5162	
18	N.Suneetha	Deepak Kumar Nayak	37. 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


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