

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

Staff Journals details Yearwise:

A.Y: 2020-21

No. of Web of Science/ Scopus journals	No. of UGC journals	Books/book chapters
12	3	3


S.no	Name of the faculty	Co-authors	Title of the paper	National /International Journal	Vol/Issn no	Indexing ,I mpact Factor ,Citation s
1	<b>Dr. T. Venkateswara rao</b>	Anapu Pushpa Shanvitha	1.Dynamic frequency adjuster with respect to user allocation in fiber wireless systems,	IJCRT	ISSN no: 2320-2882,vol-9,issue:4 april,2021,an international open access, peer-reviewed refereed journal.	UGC
2	<b>Dr.P.H.Tejo Murthy</b>	<b>CH.JayaPrakash</b>	2.Density And Latency Optimised ECG Denoising Using PSO Based Fuzzy Logic	IJEARST	ISSN:2352-8648,Vol-04,issue-02,Nov-2021	UGC

2	<b>R. Satish</b>	P. Rajesh Kumar <sup>2</sup> · <b>Miranji Kattal</b> · <b>K. Lakshminarayana</b> <sup>1</sup> · N. Bhupesh Kumar <sup>3</sup>	<b>3.</b> A new segmentation method for non-ideal iris images using morphological reconstruction FCM based on improved DSA.	Research Article ,SN Applied Sciences, Springer nature journal	<a href="https://doi.org/10.1007/s42452-020-04110-1">https://doi.org/10.1007/s42452-020-04110-1</a>	ESCI,H-index:18
3	<b>Ajaykumar Dharmireddy</b>	Dr.avinash sharma b , <b>m. Vamsi krishna allu</b> , <b>lavanya kothad</b> , anjani devi.ne , jyothsna undrakondaf , and dr sreenivasa rao ijjadag,	<b>4.</b> 3D analytical modeling of surface potential and threshold voltage model of DM Fintfet with Dual Hetero Gate Oxide Structure .	Turkish Journal of Computer and Mathematics Education, Research Article	Vol.12 No.2(2021),12 45-1259	h-index-3,scopus
		Avinash Sharma,M.Su shanth Babu,sreenivasa rao ijjadag,	<b>5.</b> SS < 30 mV/dec;Hybrid tunnel FET 3D analytical model for IoT Applications	Materials Today: Proceedings, Journal homepage:www.elsevier.com/locate/matpr	<a href="https://doi.org/10.1016/j.matpr.2020.09.367">https://doi.org/10.1016/j.matpr.2020.09.367</a>	Scopus,Impact factor-31.041
4	<b>K.J.Silva Lorraine</b>	Madhu Ramarakula	<b>6.</b> An efficient interference mitigation approach for NavIC receivers using improved variational mode decomposition and wavelet packet Decomposition.	Trans.Emerging Tel. Tech., <b>WILEY</b>	32 (4), e4242,DOI:10.1002/ett.4242	<b>SCI</b> , Impact factor:2.047,H index-49I,
		Madhu Ramarakula	<b>7.</b> Hybrid anti-jamming algorithm for indian regional navigation satellite system receivers using variational mode decomposition and wavelet packet transform	Trans.Emerging Tel. Tech., International Journal of Communication systems, <b>Wiley</b>	32 (4), e4242,DOI:10.1002/dac.4734	<b>SCI</b> , Impact factor:2.047,hindex-49
		Madhu	<b>8.</b> A Comprehensive	IETE Journal of	DOI:10.1080/0	<b>SCI</b> ,SJR

		Ramarakula	survey on GNSS Interferences and the Application of Neural Networks for Anti-Jamming	Research, Taylor and Francis	3772063.2021.1953407	:0.187, hindex:28
5	G. Srilatha	Gottumukkala suryanarayana Raju, P. Anthony sunny dayal	9. Compact wearable low-SAR dual band antenna for on body network applications	International Journal of Communication systems, Wiley	DOI Scopus:10.1002/dac.4977	SCI, Impact factor:2.047, hindex-49
6	K.miranji	sandalakshmi R, P. srinivasulu, M vamsi krishna allu, K.lavanya	10. Simulation approach to design high sensitive NEMS based sensor for molecular bio sensing applications	European journal of molecular & clinical medicine	ISSN 2515-8260 volume 08, issue 03, 2021.	ESCI
		R. Sandanalakshmi	11. Simultaneous tropical disease identification with PZT-5H piezoelectric material including molecular mass biosensor micro cantilever collection,	Sensing and Bio-sensing Research, journal homepage: www.elsevier.com/locate/sbsr	<a href="https://doi.org/10.1016/j.sbsr.2021.100413">https://doi.org/10.1016/j.sbsr.2021.100413</a> , received 8 January 2021; received in revised form 2 march 2021; accepted 8 march 2021.6.18	ESCI
		Allu vamsikrishna, srinivasulup, m.greeshma	12. Review on novel corona virus (end covid-19): defensive measures and natural medicine,	IJCMCR	ISSN:2692-5877, DOI:10.46998/ijcmcr.2021.12.000288.	Scopus
		Trinadh Rajanala, Lavanya Nadella, M Vamsi Krishna Allu,	13. Review of MEMS-based Sensing Technology and Human-Centered Applications in Health Prespective	Journal of Nat. volatiles & Essent. Oils,	2021;8(5): 4299-4315	Scopus, impact factor:0.65

		<b>P.Sowmithri</b>				
7	<b>CH. Jaya prakash</b>	N. Siddaiah	<b>14.</b> Detection of volatile organic Compounds using MEMS based microcantilever:A review	ARPJ journal of engineering and applied sciences ©2006-2021 Asian research publishing network (arpn). All rights reserved.	vol. 16, no. 1, January 2021 ISSN 1819-6608	Scopus, impact factor :0.57
8	<b>K.Radha</b>	Venkata Nagaratna Tilak Alapati	<b>15.</b> Ultra Low power And Secure VLSI Architecture for Dedicated Short Range Communication Applications	ICTACT Journal On Microelectronics	ISSN:2395-1680(O),Vol:06,Issue:03 <b>DOI:10.21917/ijme.2020.0168,Oct-2020</b>	UGC

**TOTAL: 15**

  
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### BOOK CHAPTERS

S.NO	Name of the faculty	Title	Publisher	year
1	T.Venkateswara Rao	NCAIM-2021 is a national level conference on Artificial intelligence & Machine learning ,2021	PJ(JAZYM)Publications,ISBN No: 978-93-5566-783-0(VOLUM-II)	2021
2	Satish Rapaka	“NCAIM-2021 Proceedings on Artificial Intelligence & Machine Learning	PJ(JAZYM)Publications, ISBN No: 978-93-5566-783-0(VOLUM-II)	2021
3	D. Ajay Kumar	Advances in Microelectronics, Embedded systems and IoT, Proceedings of sixth ICMEET	Springer Nature Singapore Pte Ltd.2022,Lecture Notes in Electrical Engineering 838 , <a href="https://doi.org/10.1007/978-981-16-8550-7_12">https://doi.org/10.1007/978-981-16-8550-7_12</a>	2021



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