

SIR C R REDDY COLLEGE OF ENGINEERING, ELURU

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

Staff Journals details Year wise:

A.Y: 2020-21

Web of Science journals			No. of SCOPUS Journals	No. of UGC journals	Books/book chapters
SCI	ESCI	SCIE			
4	3		5	2	2

S.no	Name of the faculty	Co-authors	Title of the paper	National /International Journal	Vol/Issn no	UGC Approved/SCI or Scopus Indexing /Impact Factor
1	Dr. T. Venkateswara rao	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	Dr.P.H.Tejo murthy,	Ch.JayaPrakash	2. Density And Latency Optimised ECG Denoising Using PSO Based Fuzzy Logic	IJEARST	ISSN 2352-8648,Vol-04,issue02,Nov-2021	UGC

3	R. Satish	P. Rajesh Kumar ² · Miranji Katta ¹ · K. Lakshminarayana ¹ · N. Bhupesh Kumar ³	3. 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	https://doi.org/10.1007/s42452-020-04110-1	ESCI, H-index:18
4	Ajaykumar Dharmireddy	Dr.avinash sharma b, m. Vamsi krishna alluc, lavanya kothad, anjani devi.ne, jyothsna undrakondaf, and dr sreenivasa rao ijjadag,	4. 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), 1245-1259	h-index-3, scopus
		Avinash Sharma, M.S ushanth Babu, sreenivasa rao ijjadag,	5. SS < 30 mV/dec; Hybrid tunnel FET 3D analytical model for IoT Applications	Materials Today: Proceedings, Journal homepage: www.elsevier.com/locate/matpr	https://doi.org/10.1016/j.matpr.2020.09.367	Scopus, Impact factor-31.041
5	K.J.Silva Lorraine	Madhu Ramarakula	6. An efficient interference mitigation approach for NavIC receivers using improved variational mode decomposition and wavelet packet Decomposition.	Research article, WIELY	Transactions on emerging telecommunications Technologies 32 (4), e4242, DOI:10.1002/ett.4242	SCI, Impact factor:2.047, h-index-49I,
		Madhu Ramarakula	7. Hybrid anti-jamming algorithm for indian regional navigation satellite system receivers using variational mode decomposition and wavelet packet transform	International Journal Communication systems	Transactions on emerging telecommunications Technologies 32 (4), e4242, DOI:10.1002/dac.4734	SCI, Impact factor:2.047, h-index-49

		Madhu Ramarakula	8. A Comprehensive survey on GNSS Interferences and the Application of Neural Networks for Anti-Jamming	IETE Journal of Research	DOI:10.1080/03772063.2021.1953407	SCI,SJR :0.187
6	G. Srilatha	Gottumukkala suryanarayana Raju,P.Anthony sunny dayal	9. Compact wearable low-SAR dual band antenna for on body network applications	Research artical,WIELY	DOI Scopus:10.1002/dac.4977	SCI, Impact factor:2.047, hindex-49
7	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	https://doi.org/10.1016/j.sbsr.2021.100413 ,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 cov-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 Prespectiv	Journal of Nat.voltiles & Essent. Oils,	2021;8(5): 4299-4315	Scopus,i mpact factor:0.65

		P.Sowmithri				
8	CH. Jaya prakash	N. Siddaiah	14. Detection of volatile organic Compounds using MEMS based microcantilever:A review	ARPN 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

TOTAL: 14

Book Chapters

S.No.	Name of the faculty	Title of the Book	Name of the Publisher	ISBN no.
1.	Dr. T.Venkateswara Rao	NCAIM-2021 is a national level conference on Artificial intelligence & Machine learning ,20221	PJ(JAZYM)Publications	978-93-5566-783-0(VOLUM-II)
2.	Satish Rapaka	"NCAIM-2021 Proceedings on Artificial Intelligence & Machine Learning	PJ(JAZYM)Publications	978-93-5566-783-0(VOLUM-II)