

VR SIDDHARTHA ENGINEERING COLLEGE

Department of ECE

International Journals-SCI(20)

Q1:3 Q2:11 Q3:4 Q4:Nil

S. No	Name Of Author(Mention If Student UG/PG/Roll No.)	Title Of Paper	Name Of Journal	Details Of Publications	Indexing	Impact Factor	DOI Of Publication	Quartile Factor Of Journal
1.	Venkata Rao Dhulipalla Joshua Reginald Pullagura	Black-Hole Attack And Counter Measure In Ad Hoc Networks Using Traditional Routing Optimization	Concurrency And Computation: Practice And Experience	2/1/2023,John wiley Online Library	SCI	1.831	https://doi.org/10.1002/Comp.7643	Q3
2.	Dr.A.Jhansi Rani K.Sridevi	Design And Analysis Of A High Gain Millimeter-Wave Antenna Array For Dual Purpose Applications	Wireless Personal Communications .	Vol:130 Pages:593-607,March 11-2023,Springer US	SCI	2.2	DOI:10.1007/s11277-023-10300-y	Q2

3.	Dr M Padmaja Viswanadham Baby Koti Lakshmi Aruna,Chitra Ekambaram	Field Programmable Gate Array Implementation Of An Adaptive Filtering Based Noise Reduction And Enhanced Compression Technique For Healthcare Applications	Transactions On Emerging Telecommunicat ions Technologies, 2022	2161- 3915,Sep2022 ,John Wiley & Sons Ltd	SCI	3.31	https://doi.org/10.1002/Ett.4654	Q2
4.	Dr. A. Vijayasankar Dr. Sk Fayaz Ahmad	CNSD-Net: Joint Brain- Heart Disorders Identification Using Remora Optimization Algorithm Based Deep Q Neural Network	Soft Computing	5/1/2023,Spr inger	SCIE	3.52	https://doi.org/10.1007/S00500-023-08680-1	Q2
5.	Dr N.S Murthy, Sowmya Sree Agasthi, Abbas Shai, Dimple Kavitha Raj Khandavalli, Janaki Ram Vatti	Kidney Failure Detection And Predictive Analytics For Ckd Using Machine Learning Procedures	Archives Of Computational Methods In Engineering	Springer	SCIE	8.16	https://doi.org/10.1007/s11831-022-09866-w	Q1
6.	Dr N.S Murthy	An Automatic Irrigation Based On Control Area Network(Can) Protocol	National Academy Science Letters	Springer	SCIE	0.7	DOI:10.1007/s40009-023-01235-w	Q3
7.	Dr N.S Murthy, G Venkatasubbaiah	Network Life Time Augmentation Of WSN Through Efficient Energy Using GAN Algorithm	Journal Of Intelligent & Fuzzy Systems	,May2023, 44 (2023) 7073– 7082 DOI:10.3233/ JIFS-223442 IOS Press 7073	SCI	2	Doi:10.3233/Jifs-223442	Q2

8.	Dr P Sarah Suhasini Sunitha Munappa, J. Subhashini	Minimizing False Negatives In Metastasis Prediction For Breast Cancer Patients Through A Deep Stacked Ensemble Analysis Of Whole Slide Images	Traitement Du Signal	Vol. 40, No. 3, Pp. 1289- 1295, June 2023, International Information And Engineering Technology Association (IETA)	SCI	1.9	https://doi.org/10.18280/ts.400348	Q3
9.	Dr. Praveen Naidu Vummadisetty Sushmachowdary, P., Panda, S.K.	High Gain Circular Slot MIMO Antenna For Wi- Max And WLAN Application With Minimum ECC Value	Evolving Systems: An Interdisciplinary Journal For Advanced Science And Technology	2/1/2023, Springer	SCI	2.347	https://doi.org/10.1007/s12530-023-09486-0	Q2
10.	Dr. G. Suryanarayana Vijayakumar Varadarajan, Siva Ramakrishna Pillutla, Grande Nagajyothi, Ghamya Kotapati	Multiple Degradation Skilled Network For Infrared And Visible Image Fusion Based On Multi-Resolution SVD Updation	Mathematics	10.18 (2022): 3389, Sep 2022 , MDPI	SCIE	2.602	https://doi.org/10.3390/math10183389	
11.	Dr. G. Suryanarayana D. Bhavana, P. E. S. N. Krishna Prasad, M. M. K. Narasimha Reddy, Md Zia Ur Rahman	Deep Learned Singular Residual Network For Super Resolution Reconstruction	Computers, Materials & Continua	Vol. 74, No.1, Pp. 1123– 1137, Sep- 2022, Tech Science Press	SCI	3.86	https://doi.org/10.32604/Cmc.2023.031227	Q2
12.	Dr Aniruddh Bahadur	Density Functional	Journal Of	5/1/2023, Springer	SCI	2.047	10.1007/s1166	Q3

	Yadav N N Murty	Theory-Based Study Of Ag/Zno Schottky Diode	Electronic Materials	nger			4-023-10297-x	
13.	Dr Aniruddh Bahadur Yadav Basawaraj	Fabrication And Characterization Of Ultra-Thin Zno Based Bottom Gate Thin Film Transistor For UV Detection	<u>Micro And Nanostructures</u>	May-23	SCI	3	https://doi.org/10.1016/j.micrna.2023.207581	
14.	Mr. P. Satyanarayana G. Diwakar B , B.V. Subbayamma C , N.V. Phani Sai Kumar D , M. Arun E , S. Gopalakrishnan	Comparative Analysis Of New Meta-Heuristic-Variants For Privacy Preservation In Wireless Mobile Adhoc Networks For Iot Applications	Computer Communications	Volume No: 198, ISSN: 0140-3664.Jan 15 2023,Elsevier	SCIE	5.047	https://doi.org/10.1016/J.Comcom.2022.12.006	Q1
15.	Dr G Kishore Kumar Ravi Raja Akurati, Venkata Hanuma Prasad Reddy, Soumica Cheemalakonda, Sudeeksha Chagarlamudi, Bhasita Dasari, Sameera Sulthana Shaik	Area-, Power-, And Delay-Optimized 2D FIR Filter Architecture For Image Processing Applications	Circuits, Systems, And Signal Processing	Oct 2022	SCIE	2.311	https://doi.org/10.1007/S00034-022-02232-Y	Q2
16.	Venkata Sainath Gupta T Sudhakar Tummala, Seifedine Kadry, Mohamed Sharaf And Hafiz Tayyab Rauf	Efficientnetv2 Based Ensemble Model For Quality Estimation Of Diabetic Retinopathy Images From Deepdrid	Diagnostics	Vol 13, Issue 4, ISSN: 2075-4418, Feb 2023	SCIE	3.992	https://www.mdpi.com/2075-4418/13/4/622	Q2

17.	Dr. R. Santosh	Effect Of Hydrogen Coverage On Elastic And Optical Properties Of Silicene: A First-Principle Study	J. Molecular Modelling	J Mol Model 28, 242 (2022).8/1/2022, Springer	SCIE	2.128	https://doi.org/10.1007/S00894-022-05249-X	Q2
18.	Dr. Priyanka Das	A Non-Linear Triangular Split-Ring Based Metaresonator For Targeted Scanning At 1.5T MRI	Physica Scripta	Iopscience	SCI	2.9	DOI 10.1088/1402-4896/accf49	Q2
19.	Gopi Battineni)Adjunct faculty),Ravisankar S	A Survey on Recent Advancements in Auto-Machine Learning with a Focus on Feature Engineering	Journal of Computational and Cognitive Engineering	2023-05-24, 1994-2060 / 1997-003X, Taylor & Francis Ltd	SCI		https://orcid.org/0000-0002-1495-3000	
20.	Usha rani Bhimavarapu, Gopi Battineni,Nalini Chinatalapudi	Automatic Classification of Hyper Tensive Retinopathy by Gray wolf Optimization Algorithm and naive bayes classification	Axioms	12,625,2023 MDPI	SCI		https://doi.org/10.3390/axioms12070625	
21.	Usharani Bhimavarapu 1 , Nalini Chintalapudi2 , and Gopi Battineni	Automatic Detection and Classification of the Diabetic Reti- 2 nopathy using the Improved pooling function in the Convolu- 3 tion Neural Network	diagnostics	2023	SCI		. https://doi.org/10.3390/xxxx Not yet assigned	

International Journals-Scopus(13), ESCI-01

Q2:9 Q3:2 Q4:4

S. No	Name Of Author(Mention If Student UG/PG/Roll No.)	Title Of Paper	Name Of Journal	Details Of Publications	Indexing	Impact Factor	DOI Of Publication	Quartile Factor Of Journal
1.	Venkata Rao Dhulipalla Riyazuddin Shaik,Krishna Prasad Satamraju,Krishna Chennakesava Rao Madaka	A Self-Tuning Algorithm For Optimal Energy Efficient Load Balancing In Wireless Cellular Heterogeneous Networks	Telecommunicat ions And Radio Engineering	ISSN Print:0040- 2508, DOI: 10.1615/Telec omradeng.202 2045118,Jan2 023,Begell House	Scopus	0.87	https://Www .Dl.Begellho use.Com/Ref erences/0632 a9d54950b26 8,Forthcomin g,45118.Htm l	Q4
2.	Dr M Padmaja Mathe, M., & Battula Tirumala, K	Electroencephalogram Signal Classification And Artifact Removal With Deep Networks And Adaptive Thresholding	J. Shanghai Jiaotong Univ. (Sci.)	https://Doi.Or g/10.1007/S1 2204-023- 2609- 8,June2023,S pringer	scopus	0.209	https://Doi.O rg/10.1007/S 12204-023- 2609-8	Q3
3.	Dr N.S Murthy	Smart Sewer Robot to Remove Blockages in Sewer	Recent Advances in Electrical & Electronic Engineering	21 March, 2023, BENETHAM SCIENECE	ESCI	0.158	DOI: 10.217 4/235209651 6666230221 153328	Q4
4.	Dr Shaik Fayaz Ahamed A. Vijayasankar A, M. Thenmozhi B, S.	Machine Learning Models For Forecasting And Estimation Of Business Operations	Journal Of High Technology Management Research	Volume 34(1), ISSN: 1047- 8310,May	Scopus	4.75	DOI: 10.1016/J.Hit ech.2023.100 455	Q2

	Rajendar C, P. Bindu D, T. Subha Mastan Rao E			2023,Elsevier				
5.	Dr.Praveen Naidu Vummadisetty Kumar, S., Rayavarapu, N., Naidu, P.V.	A Novel Frequency Reconfigurable Antenna For Smart Grid Applications In TV White Space Band	International Journal Of Electrical And Computer Engineering	2023, 13(1), Pp. 611– 618,Jan2023	Scopus	0.33	Http://Doi.Or g/10.11591/Ij ece.V13i1.Pp 611-618	Q2
6.	K.naveen, Praveen Naidu Vummadisetty,V.naras imha rao,aravind Kumar,Dudi neelima,K. jaya Lakshmi	A small size triband dual L-Shaped and pulse shaped compact size monopole antenna for 5G/wireless portable devices	Material today Proceedings	2214- 7853/2022, Elseiver	scopus	0.45	https://doi.or g/10.1016/j. matpr.2022.0 8.035	Q2
7.	Dr. G. Suryanarayana Bellamkonda Saidulu, Majeti Ratna Hari Priya, Kumpati Likhitha, Kumbha Pragathi & K. M. R. K. Srikanth	Fusion Of Hyperspectral And Multispectral Images Based On Principal Component Analysis And Guided Bilateral Filtering	International Journal Of System Assurance Engineering And Management	Vol. 47 (2),Sep2022,S pringer	ESCI And Scopus	2.0	Https://Link. Springer.Co m/Article/10. 1007/S13198 -022-01767- 2	Q2
8.	Mr. P. Satyanarayana T. Mahalakshmi2 , R .Sivakami3 , Saad Ali Alahmari4 , Sivaram Rajeyyagari5 , Srinivasulu Asad6	A New Algorithm For Detection Of Nodes Failures And Enhancement Of Network Coverage And Energy Usage In Wireless Sensor Networks	Materials Today Proceedings	Volume 80, Part 3, 2023, Pages 1717- 1722,Jan2023	Scopus	0.45	Doi.Org/10.1 016/J.Matpr. 2021.05.355	Q2

9.	V.Saritha Chandana, S.L., Mahalaxmi, U.S.B.K.,Chawla, P.Chaturvedi, A.	An Intelligent Sensing And Detection System For Accident Preventions In Four Wheeler Vehicles	Materials Today Proceedings	Vol. 80, Pp. 1713– 1716, April 20 23	Scopus	0.45	https://doi.org/10.1016/j. matpr.2021.0 5.353	Q2
10.	Dr G Kishore Kumar Balaji Narayanam	Efficient Haar Wavelet Transform For Detecting Saccades And Blinks In Real-Time EOG Signal	Sn Computer Science	Volume: 2, Issue: 3; Pages:1- 7, Nov 2022	Scopus	3.78	https://doi.org/10.1007/S 42979-021- 00553-4	
11.	K.Premchand P.Hari Krishna	Performance Analysis Of A Single Layer X-Band Frequency Selective	Progress In Electro magnetics Research Letters,	Vol. 108, Dec 2022	ESCI And Scopus	0.26		Q3
12.	K.Premchand P. Hari Krishna	A Compact Antipodal Vivaldi Antenna For Modern	International Journal Of Electronics Letters	Mar 2023	Scopus	0.56	Doi: 10.1080/216 81724.2023. 2192965	Q4
13.	Dr. Jasti Sateesh Mksl Gayatri, Koushik Guha,	Design And Analysis Of Multiple Inlet–Multiple Outlet Piezoelectric Actuated Valveless Micropump For Micro Drug Delivery Application	Journal Of Control, Automation And Electrical Systems	11/4/2022, Springer Us	ESCI And Scopus	1.5	https://link. Springer.Co m/Article/10. 1007/s40313 -022-00961- 8	<u>Q2</u>
14.	Dr. R. Santosh	Automatic Water Pumping System In Smart Irrigation Using Iot And Ensemble Learning	GIS Science Journal	Volume 9 ISSUE 7 Page 1265- 1291, 7/1/2022 , GS Publication	Scopus	6.1	Doi : 20.18001.Gsj .2022.V9i7.2 2.39	Q4

International Conferences:18

S.No.	Name of authors (Mention if it is student UG/PG) plz provide roll number	Title of Conference	Title of paper	Details of publication(place/date)	Indexing(IEEE/SC OPUS)	ISBN/ISS N number of the proceeding	publisher
1.	Dr.A.Jhansi Rani KadiyamSridevi,Ph. DSolar	3rd International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2022) Jointly organized by Jawaharlal Nehru Technological University Kakinada, Prof. CHSN Research Foundation, Kakinada, Institute of Bioinformatics and Computational Biology (IBCB), Visakhapatnam BioAxis DNA Research Centre (P) Ltd, Hyderabad, 28-29, December 2022	Performance Evaluation of Concentric Hexagonal Array for Smart antenna applications	JNTUK,kaki nada	Springer Series		

2.	Dr.A.Jhansi Rani B.SuneethaPh.D Scholar	,Journal of Physics: Conference Series	Brain Cancer Detection by Using Cluster Evaluation Technique	Journal of Physics, IOP Science,9/1/2 022,2335 012020	scopus		
3.	Dr M Padmaja Aruna, V.B.K.L., Ekambaram, C.	IIHC-2022	Compression of ECG Signals Using an Adaptive Algorithm Based on DWT and SPIHT Decoder for Health Care Applications,	SVEC, Bangalore,11 /1/2022	SCOPUS	10.1109/II HC 55949.202 2.1006025 7	IEEEExplor e
4.	Dr M Padmaja Aruna, V.B.K.L., Ekambaram, C.	IEEE International Conference on Integrated Circuits and Communication Systems (ICICACS- 2023)	ECG Compression Techniques of Spiht Decoder for Mobile Health Applications	IEEE Bangalore Section at H.K.E. Society's S.L.N. College of Engineering, Raichur, Karnataka2/1 /2023	SCOPUS	DOI : 10.1 109/icicacs 57338.202 3.1009964 2	IEEEExplor e
5.	DR N.S Murthy	Hinweis Second International Conference on Advances in Software Engineering and Information Technology (ASIT),20 23	Design of Multilayered Strip Line Hairpin BandpassFilter	KERALA,6/ 1/2023	Scopus		
6.	Dr. A. Vijayasankar MrsY. Sarada Devi,	8th international Conference on	Early Heart disease detection with extreme	PPG Institute of	IEEE & Scopus		IEEE

	Dr. Sk. Fayaz Ahmad,	communications and electronics systems, ICCES 2023	data approach using Ensemble learning Techniques	technology, Coimbatore			
7.	Dr. B Lakshmi sirisha Dr. Sk. Fayazahamed, M. Bindu Priya	Smart Energy (ICAIS 2023)	Network (D-CNN) with Internet of Things (IoT)”	NIT Rourkela	SCOPUS		SPRINGER
8.	Dr. B Lakshmi sirisha M Bindu Priya, D. Manoj Kumar	11th International Conference on System Modeling & Advancement in Research Trends (SMART)	Survey on automatic detection of diabetic retinopathy screening	Theerthankar Mahaveer university, Dec, 2022, pp. 1214–1220	IEEE/SCOPUS	10.1109/SMART55829.2022.10047367	IEEE
9.	Mr. P. Satyanarayana Usha Devi Yalavarthi, Yadavalli S SSriramam, M. Arun, V. Gokula Krishnan, S. Gopalakrishnan	2022 IEEE 2nd International Conference on Mobile Networks and Wireless Communications (ICMNBC)	Implementation of Enhanced Energy Aware Clustering Based Routing (EEACBR) Algorithm to Improve Network Lifetime in WSN's	Sri Siddhartha Institute of Technology, Tumakuru, 2nd-3rd December, 2022	IEEE & Scopus	978-1-6654-9111-2/22	IEEE
10.	Mr. P. Satyanarayana T. Sushma, M. Arun, Venkata Syamala Raju Talari, S. Gopalakrishnan, V. Gokula Krishnan	2023 IEEE International Conference on Intelligent Systems for Communication, IoT and Security	Enhancement of Energy Efficiency and Network Lifetime Using Modified Cluster Based Routing in Wireless Sensor Networks	PSG College of Technology, Coimbatore, Tamil Nadu, India, 9th-11th, February, 2023	IEEE & Scopus		IEEE

11.	Mr. P. Satyanarayana N. Siva Naga Malleswari ,DingariKalpana, M. Arun, S. Marlin, N. BalaSundara Ganapathy,	2023 IEEE 9th International Conference on Advanced Computing and Communication Systems,ICACCS 2023	Enhancement of Network Security in MANET by using Guided Whale Optimization Algorithm (GWOA) for solving multiobjective optimization	Sri Eshwar College of Engineering, Coimbatore,17th- 18th, March 2023	IEEE & Scopus		IEEE
12.	V H Prasad Reddy Ravi Raja A, Phani Kumar Polasi, Ravi TejaPonnuri, Gundugonti Kishore Kumar, Shaik Fayaz Ahamed	3rd International Conference on Artificial Intelligence and Signal Processing (AISP) 18-20 Mar 2023	Design and Development of Traffic Light Recognition method for Autonomous vehicles using V2I Communication	VIT University AP ,18-20, MARCH 2023	IEEE/SC OPUS		IEEE
13.	Ravi Raja A Anuradha T, SankararaoMajji, Tulasi Radhika Patnala, C Sushama,M Dhiraj Kapila	5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023, 23-25, January 2023	GLOBAL IDENTIFICATION PASSPORT: A UNIQUE CLOUD BASED PASSPORT MODEL	Francis Xavier Engineering College23-25, January 2023 Tirunelveli, India	IEEE/SC OPUS		IEEE
14.	Ravi Raja ARaghunandan K R, Asmita Dixit, M Sunil Kumar, M Dhiraj Kapila	5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023, 23-25, January 2023	SOFTWARE RE-ENGINEERING USING CLOUD COMPUTING	Francis Xavier Engineering College23-25, January 2023 Tirunelveli, India	IEEE/SC OPUS		IEEE
15.	K.PremchandA.Taru	IEEE I2CT 2023	Antipodal Vivaldi	7-9 April	IEEE &		IEEE

	n, Dr. A. Jhansi Rani,		Antenna with Rectangular Loaded Slots for Radar and Tracking Applications	2023	Scopus		
16.	J Sravanthi B.V. Subbayamma, Waseem Sultana, Sriram Parabrahmachari, V. Gokula Krishnan, Yadavalli S SSriramam	3rd International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS '23)	Enhancement of Energy Efficiency Using improved Energy Efficient Routing Protocol in Wireless Sensor Networks for IOT Applications	Adi Shankara Institute of Engineering and Technology, Kalady, Kerala, India.2023	IEEE/SC OPUS		IEEE
17.	N. Siva Naga MalleswariDingari Kalpana, M. Arun, S. Marlin, N. BalaSundara Ganapathy, P. Satyanarayana	2023 IEEE 9th International Conference on Advanced Computing and Communication SystemsICACCS 2023	Enhancement of Network Security in MANET by using Guided Whale Optimization Algorithm (GWOA) for solving multiobjective optimization	Sri Eshwar College of Engineering, Coimbatore,17th- 18th, March 2023	IEEE & Scopus		
18.	N. Siva Naga Malleswari Dr. Kusuma Kumari,HariniVemu ,Dr. Purnima K Sharma,	National conference on Data engineering and communication technology NCDECT-2023	DESIGN OF ANNULAR RING BASED 3D HEXAGONAL MIMO ANTENNA WITH IMPROVED ISOLATION TECHNIQUES	Sri vasavi Engineering College,Tade palligudem,25.02.2023			