

Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the		
						Link to website of the Journal	Link to article/ paper /abstract of the article	Is it listed in UGC Care list
2022-23								
SCI								
A 16 nm FinFET circuit with triple function as digital multiplexer, active-high and active-low output decoder for high-performance SRAM architecture	B. Jeevan, K. Sivani	EIE	Semiconductor Science and Technology	2023	1361-6641	https://iopscience.iop.org/journal/0268-1242	https://iopscience.iop.org/article/10.1088/1361-6641/ac77ae/meta	Yes (SCI)
Design of efficient 22 nm, 20-FinFET full adder for low-power and high-speed arithmetic units	B. Jeevan, K. Sivani	EIE	Silicon	2023	1876-9918	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-022-02073-z	Yes (SCI)
Design of 2-1 Multiplexer based high-speed, Two-Stage 90 nm Carry Select Adder for fast arithmetic units	B. Jeevan, K. Bikshalu, E. Hari Krishna, K. Sivani	EIE	Microprocessors and Microsystems	2023	1872-9436	https://www.science-direct.com/journal/microprocessors-and-microsystems	https://www.science-direct.com/science/article/pii/S0141933123000923	Yes (SCI)
Multi-modal fusion of deep transfer learning based COVID-19 diagnosis and classification using chest x-ray images	A. Siva Krishna Reddy, K. N. Brahmaji Rao, Narasimha Reddy Soora, Kotte Shailaja, N. C. Santosh Kumar, Abel Sridharan & J. Uthayakumar	EIE	Multimedia Tools and Applications	2023	1380-7501	https://www.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-022-13739-6	Yes (SCI)
Single-channel fetal ECG extraction method based on extended Kalman filtering with singular value decomposition algorithm	Smitha Bandi, V. B. S. Srilatha Indira Dutt		Soft Computing	2023	14327643	https://www.springer.com/journal/500/	https://link.springer.com/article/10.1007/s00500-023-08421-4	Yes (SCI)

A novel design of full adder cell for VLSI applications	O. Anjaneyulu, Dr. C. V. Krishna Reddy	EIE	International Journal of Electronics	2023	0020-7217	https://www.tandfonline.com/	https://www.tandfonline.com/doi/pdf/10.1080/00207217.2022.2059819?casa_token=8WQToeQtPZgAAAAA:6tDYgbxh4jAtanJVY4kn-KCSy1Me74JKPWZHyjh4kwTqiZmujNq6jrvSMnC95AbjoRLrWhOwL0U4caka	Yes(SCI)
SCOPUS								
A Novel Soft Computing Techniques for Intricate Data mining	N. K. Darwante , Dr Srinivas Kuntamalla , Dr. Mayuri Kundu , B.Shashikanth , Dillip Narayan Sahu , Subhash Yalavarthy	EIE	NeuroQuantology	2023	1303-5150	https://www.neuroquantology.com/	https://www.neuroquantology.com/open-access/A+Novel+Soft+Computing+Techniques+for+Intricate+Data+mining_7214/	Yes
Heuristic and machine learning strategies for improved clustering and data aggregation in the Internet of Things	Rajaram Jatothu, Dr. Srinivas Kuntamalla , S.Syedakbar, Dr. Naziya Hussain, A. Seshaiyah Sade , Dillip Narayan Sahu	EIE	NeuroQuantology	2023	1303-5150	Home Neuroquantology	https://neuroquantology.com/open-access/Heuristic+and+machine+learning+strategies+for+improved+clustering++and+data+aggregation+in+the+Internet+of+Things_7212/	Yes
A 90 nm area and power efficient Carry Select Adder using 2-1 multiplexer based Excess-1 block	B. Jeevan, K. Bikshalu, K. Sivani	EIE	Engineering Research Express	2023	2631-8695	https://www.scopus.com/sourceid/21101023156	https://iopscience.iop.org/article/10.1088/2631-8695/acc514/meta	Yes (Scopus)
EEG signal processing by feature extraction and classification based on biomedical deep learning architecture with wireless communication	S Sodagudi, S Manda, B Smitha, N Chaitanya	EIE	International Journal for Light and Electron Optics	2022-23	0030-4026	https://www.sciencedirect.com/journal/optik	www.elsevier.com/locate/ijleo	

EEG Signal in Emotion Detection Feature Extraction and Classification using Fuzzy Based Feature Search Algorithm and Deep Q Neural Network in Deep Learning Architecture	Kotte Shailaja, Kumar Dabbakuti JRK	EIE	SSRG International Journal of Electronics and Communication Engineering	2023	2348-8549	https://www.internationaljournalssrg.org/IJECE/index.html	https://www.internationaljournalssrg.org/IJECE/2023/Volume10-Issue5/IJECE-V10I5P108.pdf	Yes(Scopus)
UGC								
				Nil				
2021-22								
SCI								
Performance Analysis of Double Material Gate (DG) - TFET with Channel Doping	V. Raju,E. Suresh, Boorla Shashikanth ,B. Jagadeesh,Azmeera Srinivas,T. Ch. Anil Kumar,Nellore Manoj Kumar	EIE	Silicon	2022	1876-990X	https://www.springer.com/journal/12633/	https://link.springer.com/article/10.1007/s12633-022-01796-3	Yes(SCI)
Design of 0.8V, 22 nm DG-FinFET based efficient VLSI multiplexers	B. Jeevan, K. Sivani	EIE	Microelectronics Journal	2022	0026-2692	https://www.science-direct.com/journal/microelectronics-journal	https://www.science-direct.com/science/article/pii/S0026269221000707	Yes(SCI)
Blind code estimation of multi-antenna direct-spread CDMA with long-code signal using decomposition technique	Rangishetty Nirmala Devi, K. Kishan Rao	EIE	Soft Computing	2022	14327643	https://www.springer.com/journal/500/	https://link.springer.com/article/10.1007/s00500-022-07147-z	Yes(SCI)
SCOPUS								
				NIL				
UGC								
				NIL				
2020-21								
SCI								
Methods for removal of artifacts from EEG signal: A review	Kotte Shailaja, Kumar Dabbakuti JRK	EIE	Journal of Physics	2021	1742-6596	https://iopscience.iop.org/journal/1742-6596/	https://iopscience.iop.org/article/10.1088/1742-6596/1706/1/012093/meta	Yes (Scopus)
SCOPUS								

				NIL				
UGC								
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2019-20								
SCI								
				NIL				
SCOPUS								
POWER AND AREA EFFICIENT ARITHMETIC AND LOGIC UNIT USING MAJORITY LOGIC FORMULATIONS	Bokka.Alekhya, B.Krishna Sundeeep	EIE	International Journal of Advanced Science and Technology	2020	2207-6360	https://www.scopus.com/sourceid/21100829147	http://sersc.org/journals/index.php/IJAST/article/view/6507	Yes (Scopus)
UGC								
				NIL				
2018-19								
SCI								
				NIL				
SCOPUS								
Quantification of error between the heartbeat intervals measured from photoplethysmogram and electrocardiogram by synchronization	Srinivas Kuntamalla, LRG Reddy	EIE	Journal of Medical Engineering & Technology	2019	0309-1902	https://www.tandfonline.com/journals/ijmt20	Quantification of error between the heartbeat intervals measured from photoplethysmogram and electrocardiogram by synchronization: Journal of Medical Engineering & Technology: Vol 42, No 5 (tandfonline.com)	Yes (scopus)
Implementation of frequency efficient multiplexer based cordic on FPGA	Basavoju Harish, K.Sivani, M.S.S.Rukmini	EIE	International Journal on Advanced Science, Engineering and Information Technology	2019	2460-6952	https://www.scopus.com/sourceid/21100463068	http://sersc.org/journals/index.php/IJAST/article/view/9609	Yes (scopus)

MS-EMD based Signal Processing Method for Reduction of Motion Artifacts from PPG Signals	M. Raghuram, K. Sivani, K. Ashoka Reddy	EIE	International Journal of Applied Engineering Research	2019	0973-4562	https://www.scopus.com/sourceid/21100217234	https://www.ripublication.com/ijaer18/ijaerv13n21_22.pdf	Yes (scopus)
UGC								
				NIL				