

Department of Electronics and Communication Engineering, SDM CET

UGC Care List (Group I) and Group II (Web of Science/Scopus) Journals Published from 1st Jan 2022- Till Date

Sl.No	Authors	Article Title	Journal Title	Published Year and Month	Volume	Issue Number	ISSN	Indexed in (SCI/SCIE/Scopus / UGC Group 1)	DOI	Quartile
1	V Dalal, et al.	Efficient electro encephelogram classification system using support vector machine classifier and adaptive learning technique	Indonesian Journal of Electrical Engineering and Computer Science	Jan-22	25	1	2502-4752	Scopus	10.11591/ijeecs.v25.i1.pp291-297	Q3
2	V Dalal, et al.	Efficient de-noising technique for electroencephalogram signal processing	IAES International Journal of Artificial Intelligence (IJ-AI)	Jun-22	11	2	2252-8938	Scopus	10.11591/ijai.v11.i2.pp603-612	Q2
3	Vyas Murnal, et al.	An optimized nanoscale Quasi-Ballistic DG MOSFET model with diffusive carrier scattering dependency	International Journal of Electronics	May 2022	110	6	0020-7217	SCI and Scopus Indexed	10.1080/00207217.2022.2068663	Q3
4	B. K. Saptalakar, et al.	FPGA-based refection image removal using cognitive neural networks	Applied Nanoscience, Springer	Feb 2022	12	1	2190-5517	SCIE	10.1007/s13204-022-02352-6	Q2
5	S.Sarkar, et al.	Efficient FPGA architecture to implement non-separable fast Fourier transform for image and video applications	International Journal Of Electronics, Taylor & francis	Apr-22	NA	NA	1362-3060	SCI	10.1080/00207217.2022.2053885	Q3
6	Shrikanth Shirakol, et al.	Architectural design and optimization of distributed arithmetic based 2-D Discrete Cosine Transform	ICTACT Journal of Microelectronics	Apr-2022	8	1	2395-1680	UGC Group I	DOI: 10.21917/ijme.2022.0220	-

7	B. K. Saptalakar, et al.	Effective reflection removal system for cognitive based convolutional neural networks	Soft Computing, Springer	Jan 2022	25	17	1433-7479	SCIE	10.1007/s00500-021-06586-4	Q2
8	Vyas Murnal, et al.	A NOVEL QUASI-BALLISTIC DRAIN CURRENT MODEL VALID FOR SYMMETRIC QUADRUPLE GATE (QG) NANOSCALE MOSFET	ICTACT JOURNAL ON MICROELECTRONICS	Oct 2022	8	3	2395-1680	UGC Group I	10.21917/ijme.2022.0237	-
9	Jayashree C Nidagundi	Applications of Pulsed Latches and Bidirectional Pulsed Latches	Advances and Applications in Mathematical Sciences	Oct 2022	21	12	ISSN 0974-6803)	UGC Group 1	pp 7135-7143	-

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UGC Care List (Group I) and Group II (Web of Science/Scopus) Journals Published from 1st July 2022- Till Date

Sl.No	Authors	Article Title	Journal Title	Published Year and Month	Volume	Issue Number	ISSN	Indexed in (SCI/SCIE/Scopus / UGC Group 1)	DOI	Quartile
1	Vyas Murnal, et al.	A NOVEL QUASI-BALLISTIC DRAIN CURRENT MODEL VALID FOR SYMMETRIC QUADRUPLE GATE (QG) NANOSCALE MOSFET	ICTACT JOURNAL ON MICROELECTRONICS	Oct 2022	8	3	2395-1680	UGC Group I	10.21917/ijme.2022.0237	-
2	Jayashree C Nidagundi	Applications of Pulsed Latches and Bidirectional Pulsed Latches	Advances and Applications in Mathematical Sciences	Oct 2022	21	12	ISSN 0974-6803)	UGC Group 1	pp 7135-7143	-

Conference Publications/ Book chapters from 1st Jan 2022- Till Date

SL.No	Faculty Name	Title of Article	Name of Conference	National/International	Publisher	Year of Publication	DOI and ISBN	Indexed in Scopus
1	Shrikanth Shirakol	An Area-Efficient JK Flip-Flop-Based Phase Detector for Phase Measurement System Based on FPGA	Innovations in Electronics and Communication Engineering, Lecture Notes in Networks and Systems book series	International	Springer Singapore	2022	https://doi.org/10.1007/978-981-16-8512-5_62 978-981-16-8511-8	Yes
2	Vijaya C	Bottlenecks in Finite Impulse Response Filter Architectures on a Reconfigurable Platform	Recent Advances in Artificial Intelligence and Data Engineering	International	Springer Singapore	2022	https://doi.org/10.1007/978-981-16-3342-3_26 978-981-16-3341-6	Yes