

Noteworthy Publications by Faculty Members

No	Publisher	Name of Staff	Publication Details
1	IEEE letters	Meghrajani Yogesh, Mazumdar Himanshu	Universal Share for Multisecret Image Sharing Scheme based on Boolean Operation, IEEE Signal Processing Letters, Vol (23), No (10)
2	IEEE Transactions	Ashish Pandya, Nikhil Kothari	Secondary and Backscattered Electron Current Induced Differential Charging on a Triple Junction of Spacecraft, IEEE Transactions on Plasma Science, Vol(48), No(4)
3	IEEE Transactions	Alad Rizwan	Electrostatic Analysis of an Artificial Orbiting Satellite for Absolute Charging, IEEE Transactions on Plasma Science.
4	IEEE Transactions	Thumar Vinay	Distributed Power Allocation for Secondary Users in a Cognitive Radio Scenario, IEEE Transactions on Wireless Communications, Vol (11) No (4)
5	Elsevier	Dalal Purvang	Experimental Investigation on Strength and Durability of Graphene Nanoengineered Concrete, Construction and Building Materials 276 (1222362), 1-13
6	Elsevier	Limachia Mitesh , Kothari Nikhil	Hybrid Offset Compensated Latch-Type Sense Amplifier for Tri-Gated FinFET Technology, INTEGRATION, the VLSI Journal of Elsevier, pp. 258-269, Vol. 62
7	Elsevier	Meghrajani Yogesh, Desai Laxmi, Mazumdar Himanshu	Secure and Efficient Arithmetic-based Multi-secret Image Sharing Scheme using Universal Share, Journal of Information Security and Applications (Elsevier), no. 47, pp. 267-274

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8	Elsevier	Limachia Mitesh , Kothari Nikhil	A Near-Threshold 10T Differential SRAM Cell with High Read and Write Margins for Tri-Gated FinFET Technology, in Integration, the vlsi journal of Elsevier, pp.125-137
9	Elsevier	Alad Rizwan	Capacitance and Surface Charge Distribution Computations for a Satellite Modeled as a Rectangular Cuboid and Two Plates, International Journal of Electrostatics, ELSEVIER publications, Vol (71), No (6), pp 1005-1010 ISSN: 0304-3886
10	Wiley	Ashish Pandya, Nikhil Kothari	Impact of Secondary and Backscattered electron currents on absolute charging of structures used in spacecraft, International Journal of Numerical Modeling.
11	Wiley	Nikhil Kothari, Hardip Shah	Online CQI-based optimization using k-means and machine learning approach under sparse system knowledge International Journal of Communication Systems (IJCS – Wiley Publication) Volume 33 No.13
12	Wiley	Dalal Purvang, Kothari Nikhil	Refining TCP's RTT Dependent Mechanism by Utilizing Link Retransmission Delay Measurement in Wireless LAN, International Journal of Communication Systems, Wiley
13	IET	Shah Hardip	Low Complexity Scheme for Carrier Frequency Offset Estimation in Orthogonal Frequency Division Multiple Access Uplink, International Journal IET Communication, Vol (7) No(13)
14	Springer	Darji Pallavi	A Novel Analog Calibration Technique for Current-Steering DAC-Dynamic Performance, International Journal on Circuits, Systems and Signal Processing, Springer

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15	Springer	Darji Pallavi	A Novel Analog Calibration technique for Current-Steering DAC, International Journal of Circuits, Systems and Signal Processing, Springer, Vol (34), No (8), pp. 2407-2418,
16	Taylor & Francis	Nikhil Kothari, Hardip Shah	Cost-Optimized Energy-efficient Power Amplifier for TD-LTE Outdoor Pico Base Station, IETE Journal of Research.
17	Taylor & Francis	Alad Rizwan	Computation of Capacitance Matrix of Orbiting Spacecraft Bodies, IETE Journal of Research, Vol (62), No (7), pp:1-8.
18	Taylor & Francis	Meghrajani Yogesh, Mazumdar Himanshu	Region Splitting Visual Cryptography using Random Grids, Journal of Discrete Mathematical Sciences & Cryptography, Taylor & Francis, Vol (19), No (5&6), pp: 1013–1023
19	Taylor & Francis	Alad Rizwan	Electrostatic Modeling of Coupled Metallic Bodies in the Shape of a Funnel, International Journal Taylor & Francis, vol(33), pp: :201–220