

V. SAMINADAN

LIST OF PUBLICATIONS

JOURNALS:

1. T. Padmapriya and **V. Saminadan**, “Improving throughput for downlink multi user MIMO-LTE advanced networks using SINR approximation and hierarchical CSI feedback” *International Journal of Mobile Network Design and Innovation*, page 14-23, May 2015.
2. V. Thirunavukkarasu, **V.Saminadan** and R.Saravanan, “ Performance Evaluation of testing methodologies for digital VLSI circuits”, *International Journal of Applied Engineering Research (IJAER)*, Special Issues , Volume 10, Number 20, pp.18822-18825, 2015.
3. G. Abirami and **V. Saminadan**, “Performance enhancement of wireless ad-hoc networks using PLR-based routing protocols”, *International Journal of Knowledge Engineering and Soft Data Paradigms* , Vol.5, No.3/4, pp.222 – 236, 2016.
4. S. Prem Kumar, H. Thameemul Ansari and **V. Saminadan**, "Smart Grid Communication Architecture Modeling for Heterogeneous Network Based Advanced Metering Infrastructure", *World Academy of Science, Engineering and Technology, International Journal of Electrical, Computer, Energetic, Electronic and Communication Engineering*, vol. 11, no. 4, 389-394, 2017.
5. S. Premkumar.and**V. Saminadan**, “Impact of Denial of Service (DoS) attack prevention in smart distribution grid communication network” *International Journal of Applied Engineering Research*, Volume 12, Number 14 (2017) pp. 4443-4447.
6. T. Padmapriya and **V. Saminadan**, “Performance Improvement in long term Evolution-advanced network using multiple input multiple output technique”, *Journal of Advanced Research in Dynamical and Control Systems*, vol.9, no.6, pages 991-1010, 2017
7. S. Shibu and **V. Saminadan**, “ An Integrated reliable interference management scheme for improving performance in LTE/LTE-A hetnets”, *Journal of Advanced Research in Dynamical and Control Systems*, vol.9, special issue-18, pages 781-797, Dec. 2017

8. G.Satheshkumar and **V. Saminadan**, “A Novel BISR Approach for Embedded Memory Self Repair,” *Global Journal of Engineering Science and Researches (GJESR)*, vol. 5, pages 267-274, September, 2018
9. S. Shibu and **V. Saminadan**, “Enhanced interference cancellation techniques for downlink of LTE-A heterogeneous networks”, *International Journal of Wireless and Mobile Computing*, vol.17, No.2, pages 149-156, available online, July 2019
10. S. Shibu and **V. Saminadan**, “Clustering-based Resource Allocation Scheme for Dense Femtocells (CRADF) to improve the performance of User Elements”, *Wireless Personal Communications, International Journal*, published online(04th April 2020)
11. D. Prabakar and **V. Saminadan**, “Improving Spectral Efficiency of Small Cells with Multi-Variant Clustering and Interference Alignment”, *Journal of Computational and Theoretical Nanoscience*, Vol. 17, 2203–2206, 2020

INTERNATIONAL/ NATIONAL CONFERENCES:

1. V. Thirunavukkarasu, **V.Saminadan** and R.Saravanan, “Performance of low power BIST architecture for UART”, *Proceedings of IEEE International Conference on Communication and signal processing*, held at Adhiparasakthi Engg. College, April 2016
2. T.Padmapriya and **V.Saminadan**, “Handoff Decision for Multi-user Multi-class Traffic in MIMO-LTE-A Networks”, *Second International Conference on Intelligent Computing, Communication & Convergence (ICCC-2016) – Elsevier - PROCEEDIA OF COMPUTER SCIENCE*, Volume 92, Pages 410–417, 2016 .
3. S. PremKumar and **V. Saminadan**, “Performance Evaluation of Smart Grid Communication Network Using MPLS”, *International Conference on Communication and Signal Processing*, April 6-8, 2017
4. G.Satheshkumar and **V.Saminadan**. “Low power LFSR for BIST Applications” *IEEE International Conference on Intelligent Computing and Control Systems (ICICCS-2018)*,
5. G.Satheshkumar and **V.Saminadan**. “A Performance Comparison of Fuzzy Logic Based Truly Random Number Generator with other LFSR architectures”, *Lecture Notes on Data Engineering and Communications Technologies*, Springer, vol. 26, pages 710-718

6. S. Premkumar, M. Susithra and **V. Saminadan**, “Performance analysis of smart grid communication network architecture for WAMS” Lecture Notes in Networks and Systems, LNNS, Vol. 33, pages 347-354, August 2018.
7. S. Premkumar, M. Susithra and **V. Saminadan**, “Optimal DAU Placement for Smart Distribution Grid Communication” International Conference on Artificial Intelligence, Smart Grid and Smart City applications, Jan 2019.
8. D. Prabakar and **V. Saminadan**, “A Novel Interference Alignment (IA) method for improving the Sum-Rate of the HetNet Users” Proceedings of Intelligent Data Communication Technologies and Internet of Things (ICICI, September 2019) in Springer Lecture Notes on Data Engineering and Communication Technologies, Vol. 38, pp. 319-327, 2020.
9. D. Prabakar, R. Sindhuja and **V.Saminadan**, “Hybrid Interference Alignment (IA) Scheme for Improving the Sum-Rate of HetNet Users” Proceedings of IEEE Second International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICT-2019), IEEE Xplore, pp.1095-1099.