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Last Five years Publications:

1. V.Sivakumar, **N.Janakiraman** and S.Naganandhini, "Automatic Brain Tumor Segmentation from MRI Image using PSO based Clustering Technique", IEEE International Conference on Intelligent Computing and Communication for Smart World (I2C2SW), Perundurai, 14th December 2018.

2. A.Muthumanicckam and **N.Janakiraman**, "Design and Enactment of Bendable Micro Strip Probe for Wireless Bids", International Conference on Current Trends towards Converging Technologies (ICCTCT), Coimbatore, 2nd March 2018. (**DOI:** 10.1109/ICCTCT.2018.8551131) (**E-ISBN:** 978-1-5386-3702-9)

3. A.Muthumanicckam and **N.Janakiraman**, "Time-Correlated MIMO Channels Using Decision Feedback Receiver", 2nd International Conference on Optical and Wireless Technologies (OWT), Jaipur, 11th February 2018. (DOI: 10.1007/978-981-13-6159-3_11) (E-ISBN: 978-981-13-6159-3)

4. R.Sornalatha and **N.Janakiraman**, "Multiuser Visible Light Communication System for Reliable Wireless Communication", IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), Coimbatore, 15th December 2017. (**DOI:** 10.1109/ICCIC.2017.8524159) (E-ISBN: 978-1-5090-6621-6)

5. R.Sornalatha, **N.Janakiraman** and T.Balasharmitha, "Modeling of Widely Linear Digitally Controlled Self-Interference Canceller for Full-Duplex Transceiver", International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), Chennai, 22nd March 2017, pp. 229-235. (**DOI:** 10.1109/WiSPNET.2017.8299753) (**E-ISBN:** 978-1-5090-4442-9)

6. H.Kareemullah, **N.Janakiraman** and P.Nirmal Kumar, "A Survey on Embedded Reconfigurable Architectures", International Conference on Communications and Signal Processing (ICCSP), Chennai, 8th April 2017, pp. 1500-1504. (**DOI:** 10.1109/ICCSP.2017.8286636) (E-**ISBN:** 978-1-5090-3800-8)

7. R.Sornalatha, **N.Janakiraman** and T.Balasharmitha, "A Novel Energy Methodical Digital Self-Interference Cancellation Technique for 5G Applications", Advances in Natural and Applied Sciences, Vol. 11, No. 7, pp. 7-14, May 2017. (E-ISSN: 1998-1090)

8. H.Kareemullah, **N.Janakiraman** and P.Nirmal Kumar, "Massively Parallel ECoG Signal Processing using MPSoC for Real-time Brain–Computer Interface", Asian Journal of Research in Social Sciences and Humanities, Vol. 7, No. 3, pp. 1017-1032, March 2017. (DOI: 10.5958/2249-7315.2017.00224.6) (E-ISSN: 2249-7315)

9. **N.Janakiraman**, P.Nirmal Kumar, S.Rajeswari, C.Kumar Charlie Paul and S.Babu, "Dynamic Resource Allocation Scheme for MIMO-OFDMA Multicast System", Proceedings of the National Academy of Sciences, India Section A: Physical Sciences (Springer), Vol. 86, No. 2, pp. 187-199, April-June 2016. (SCI–Impact Factor–0.425) DOI: 10.1007/s40010-015-0247-8 (E-ISSN: 2250-1762)

10. **N.Janakiraman** and P.Nirmal Kumar, "An experimental study of coarse grained reconfigurable system-on-chip based software defined radio", Turkish Journal of Electrical Engineering & Computer Sciences, Vol. 24, No. 3, pp. 1176-1193, March 2016. (SCI–Impact Factor–0.578) DOI: 10.3906/elk-1307-129 (E-ISSN: 1303-6203)

11. S.Prabu and **N.Janakiraman**, "Deployment of Wireless Services in Vehicles using SDR based Wireless Communication", International Conference on Emerging Trends in Information & Communication Technologies (ETICT-2016), Madurai, 27th April 2016, pp. 123-129.

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13. M.Kalaiyarasi and **N.Janakiraman**, "Network Routing without Delay using Message Scheduling", Second International Conference on Innovations in Information, Embedded and Communication Systems, Coimbatore, 19th March 2015, pp. 348-352.

14. R.Mohan Kumar, A.V.Ram Prasad, S.Anitha and **N.Janakiraman**, "A Network Lifetime Enhancement method using Rendezvous algorithm in Wireless Sensor Networks", International Journal of Applied Engineering Research, Vol. 10, No. 55, pp. 1216-1221, May 2015. (E-ISSN: 0973-4562)

15. **N.Janakiraman**, P.Nirmal Kumar and Syed Mohsin Akram, "Coarse grained ADRES based MIMO-OFDM transceiver with new Radix-2^5 pipeline FFT/IFFT processor", Circuits, Systems and Signal Processing (Springer) – Vol. 34, No. 3, pp. 851-873, March 2015. (SCI–Impact Factor–1.694) DOI:10.1007/s00034-014-9880-8 (E-ISSN: 1531-5878)