List of Papers / Publications of Dr.M.Meenakshi (Last 5 years):

1. Ilavarasan Tamilarasan, Brindha Saminathan, **Meenakshi Murugappan**, "Fiber Impairments Mitigation in OFDM based Cognitive Optical Networks", Optical and Quantum Electronics, (2020).

2. Mohamed Ershad , **M.Meenakshi**, " A New Modeling Methodology for Multipath Parameter Estimation in Ultra Wideband Channels", IEEE Transactions on Antennas and Propagation, published by IEEE. pp. Electronic ISSN: 1558-2221 (2020).

3. A. P. Thilaga Shri Chandra, L. Senthilkumar, **M. Meenakshi**, "Material distributive topology design of UWB antenna using parallel computation of improved BPSO with FDTD", Journal of Microwave and Wireless Technologies, Vol. 11, Issue 2, pp. 190-198 (2019).

4. Narmadha Thangamani, **M Meenakshi**, "A Lightweight Cryptography Technique with Random Pattern Generation", Wireless Personal Communications, published by Springer International. Vol. 104, Issue 4, pp. 1409 - 1432 (2019).

5. Thilaga Shri Chandra, Senthil Kumar L, **Meenakshi M**, "Joint Optimization of Ground, Feed Shapes with Material Distributive Topology of Patch in UWB Antennas using Improved BPSO", IET Microwaves, Antennas & Propagation, published by Cambridge Press. (2018).

6. Narmadha T, Kalaiarasi , **Meenakshi M**, "Lightweight secure ECG transmission in wireless body area networks — PRESENT cipher based implementation", IEEE Xplore, published by IEEE. (2018).

7. Thilaga Shri Chandra, **Meenakshi M**, "Modified Printed Octagonal Monopole UWB antenna for WBAN Applications", IEEE Explorer, IEEE Indian Antenna Week , published by IEEE. (2017).

8. A.P. Thilaga Shri Chandra, and **M. Meenakshi**, " Design consideration and time domain analysis of compact printed octagonal monopole UWB antenna for WBAN", IEEE Xplore, published by IEEE. pp. 1075-1079 (2017).

9. Senthil Kumar L, **Meenakshi M**, " Asymmeric Resource Allocation in Relay-Aided Cognitive Radio networks", IEEE Xplore, published by IEEE. (2017).

10. Senthil Kumar L, **Meenakshi M**, " Optimal Cross-Layer based Asymmetric Resource Allocation for Multidestination Relay Systems", IEEE Transactions on Wireless Communications, published by IEEE. Vol. 17, Issue 1, pp. 250-265 (2017).

11. Senthil Kumar L, **Meenakshi M**, "Cross-Layer Based Asymmetric Resource Allocation in Relay-Aided Cognitive Radio Networks", Wireless Personal Communications, published by Springer. (2017).

12. Brindha Saminathan,Ilavarasan Tamilarasan & Meenakshi Murugappan, "Energy and electromagnetic pollution considerations in ARoF-based multi-operator multi-service systems'", Photonic Network Communications, published by Springer. (2017). page 6 / 14 **Dr. M MEENAKSHI** Professor, Department of Electronics and Communication Engineering.

13. Senthilkumar L, M. **Meenakshi**, and Vasantha Kumar, "Lyapunov Optimization Based Cross Layer Approach for Green Cellular Network", Journal of Green Engineering, Vol. 5, Issue 2, (2016).

14. I Tamilarasan, B Saminathan, **M Murugappan**, "Impairment assessment of orthogonal frequency division multiplexing over dispersion-managed links in backbone and backhaul networks", Optical Engineering , (2016).

15. Vinodkumar V, **Meenakshi M**, "Tunable Low Power UWB Transmitter for WBAN Application", Journal of Circuits, Systems, and Computers, (2016).

16. Ilavarasan, **Meenakshi**, "Improved fiber nonlinearity mitigation in dispersion managed optical OFDM links ", Optics Communications, Elsevier Publications, (2016).

17. **Meenakshi**, "An Intelligent Fuzzy Based Energy Detection Approach for Cooperative Spectrum Sensing", Circuits and Systems, (2016).

18. Ilavarasan T, **Meenakshi M**, "An overview of fiber dispersion and nonlinearity compensation techniques in optical orthogonal frequency division multiplexing systems", Journal of Optics, pp. 255-270 (2015).

19. Geetha, G, Lakshmi Priya, I & **Meenakshi.M**, "Modeling of broadband light source for optical network applications using fiber non-linear effect', ", Journal of Theoretical and Applied Information Technology, Vol. 58, Issue 1, pp. 001-011 (2015).