

LIST OF PUBLICATIONS

Dr.S.BRINDHA

1. Dr.S.Brindha, Dr.T.Ilavarasan, T.Sivasakthi, “Radio over fiber based signal transport schemes for emerging mobile fronthaul networks – a review” in Journal of Optical Communications -1(ahead-of-print), July 2020.
2. Dr.S.Brindha, Dr.T.Ilavarasan, Dr.M.Meenakshi “ Fiber impairments mitigation in OFDM based cognitive optical networks ” in Optical and Quantum Electronics, May 2020.
3. Dr.S. Brindha, Dr.T. Ilavarasan, “Analysis of Laser Linewidth on the Performance of Direct Detection OFDM Based Backhaul and Backbone Networks”, in the Journal of Optical Communications, November 2019.
4. Dr.S.Brindha,V.Kaarthick Raja, “Simulation Study on Performance Analysis of All Optical Comparator - Conference: IONS Exeter,OSA Conference,University of Exeter,UK- July 2019.
5. Dr.S.Brindha,V.Kaarthick Raja, “Performance analysis of all-optical reversible combinational circuits using SOA-MZI-A Simulation Study - Conference: IONS Exeter,OSA Conference,University of Exeter,UK- July 2019
6. Dr.S.Brindha,Sneha Merin, “Raspberry Pi Based Object Detection And Reading For Blind Person “Journal of Emerging Technologies and Innovative Research (JETIR) ,ISSN-2349-5162
7. Dr.S.Brindha ,Design of Conformal Antenna for Wireless Capsule,IC3IOT 2018,Chennai
8. Dr.S.Brindha, S.Priyanka “A Compact Design of multiband antenna for wireless application , International Journal of Pure and Applied Mathematics Volume 119 No. 7 2018(Special)
9. Dr.S.Brindha, Dr.T.Ilavarasan, Dr.M.Meenakshi “Energy and electromagnetic pollution considerations in ARoF-based multi-operator multi-service systems” , Photonic Network Communications, (2017) – 34,221-240, Springer USA Publisher.
10. Dr.S.Brindha, Dr.T.Ilavarasan, Dr.M.Meenakshi “Improved fiber nonlinearity mitigation in dispersion managed optical OFDM links ” Optics Communications, Elsevier.
11. Dr.S.Brindha, Dr.T.Ilavarasan, Dr.M.Meenakshi “Impairment assessment of orthogonal frequency division multiplexing over dispersion-managed links in backbone and backhaul networks” , Optical Engineering, SPIE-55(4) · April 2016 (DOI: 10.1117/1.OE.55.4.046105).
12. Dr.S.Brindha, Dr.M.Meenakshi ,” Radio over Fiber System Architecture:A boon to meet future energy and pollution challenges” , Optoelectronics and Advanced Materials – Rapid Communications, INOE - 9(5-6):855-864 · June 2015.
13. Dr.S.Brindha,” Design of cost-optimal passive optical networks for small cell backhaul using installed fibers” , International Journal of Applied Engineering Research - 10(20):18020-18023 · January 2015.