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Area of specialization

Optical communication and Networks,

Wireless Communication and Networks,

Antennas design,& IOT.

RESEARCH PAPERS PUBLISHED IN JOURNALS

1. **Maheswaravenkatesh,P** & Sivanantha Raja, A 2016, 'A QoS-Aware Dynamic Bandwidth Allocation in PON Networks ', Wireless Personal Communications an International Journal, vol. 89, no. 4, pp. 1-14, ISSN : 0929-6212 (Annexure I).
2. **Maheswaravenkatesh.P**, T. Jayasankar, K.VinothKumar, "Triple Band Micro Strip Antenna for Femtocell Applications",International Journal of Advanced Biotechnology and Research (IJBR) ,vol.8,no.3, Aug 2017, pp.2166 –2175,ISSN: 0976-2612 (Print): EISSN: 2278–599X (Online), ESCI Journal.
3. **Maheswaravenkatesh.P**, A. Sivanantha Raja, T. Jayasankar &K.VinothKumar,"QoS Aware and Green Hybrid Access Network" Appl. Math. Inf. Sci. vol.11, no.3, May 2017, pp.819–825, ISSN: 1935-0090(Print): EISSN: 2325-0399 (Online), Indexed in Scopus.
4. **Maheswaravenkatesh.P**, T.Jaya Sankar, K.Vinoth Kumar, " Inverted S-Shaped Quad Band Patch Antenna for Wireless Applications," 19, vol 12, No 1 9, Nov 2016, pp 5139-5144, ISSN 2321 - 807X. (Referred Journal in Annexure I).

5. **Maheswaravenkatesh.P**, Sivanantha Raja, A & Jayasankar, T 2016, 'Enhancing The Qos in Energy Efficient WDM/OFDM Passive Optical Networks', International Journal of Control Theory and Applications , vol. 9, no. 8, pp. 3505-3514 ,ISSN : 0974-5572 (Annexure II).
6. **Maheswaravenkatesh.P**, Dr. A. Sivanantha Raja "Energy efficiency Analysis For Cluster based Optical Networks" International Journal of Applied Engineering Research, Volume(10)number 5(2015)pp12317-12328.
7. **Maheswaravenkatesh.P** , Dr. A. Sivanantha Raja " Energy Efficient Optical Burst Chain Switching with QOS Aware Networks "Australian Journal of Basic and Applied Sciences, 8(10) July 2014, Pages: 334-342
8. T.Kalaimani, **Maheswaravenkatesh.P**, R.Mohanamurali and T.Shanmuganantham "A Modified Sierpinski Carpet Fractal Antenna for Wireless Applications" ,IEEE proceeding 2013 pg no 722-725
9. S.Thiripura Sundari, **Maheswaravenkatesh. P**, Dr.A.Sivanantharaja "A Novel Protocol for Energy Efficient Clustering for Heterogeneous Wireless Sensor Networks", International Journal of Scientific & Engineering Research, Volume 4, Issue 8, August-2013 132 ISSN 2229-5518IJSER
10. **Maheswaravenkatesh.P**,S.A.Amutha Jeevakumari, "Performance Anlysis of Space Time Coded MIMO Mobile Wimax(IEEE 802.16e),International Journal of Engineering Science and Innovative Technology.(IJESIT),Volume 2,march 2013.ISSN 2319-5967 Science, New York, USA:
11. C Rajeswari and **Maheswaravenkatesh.P** . Article: Decision Threshold Control Method for the Optical Receiver of a WDM PON using PSO. *International Journal of Computer Applications* 35(7):32-34, December 2011. Published by Foundation of Computer
12. **Maheswaravenkatesh. P** , Margarat.M 'Segmentation of Lung Lobes and Identification of Nodules in CT Images Using Adaptive Fissure Sweep Algorithm' International Journal on Computer Information Systems.