PUBLICATIONS

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JOURNALS

National

1. Generic Model and Analysis of Asymmetric Spanke Switch Configuration, *Journal of Institution of Electronics and Telecommunication Engineers*, July – August 2003.

International

1. "QoS Provisioning Through Class-based Route Selection for OBS Networks", *International Journal of Electronics and Communication Engineering*, ISSN 0974-2166, Vol. 3, Number 1, 2010, pp. 209-219, International Research Publication House.

2. "Deflection Routing in OBS networks", *International Journal of Computer Applications and Technology*, ISSN 2319-8656, Vol. 2, Number 3, May-June 2013, pp. 340-344.

3. "Distributed Queue Optical Burst Switched Ring – A MAC Protocol with zero blocking for OBS Ring Networks", *Elsevier OPTIK-International Journal for Light and Electron Optics*, ISSN 0030-4026, Vol. 124, Number 23, pp. 5885-6484, 2013.

4. "DQOBSR Protocol with QoS Provisioning for OBS Metro Rings", *Journal of Photonics*, *Hindawi Publishing Corporation*, Vol. 2013, ISSN: 2314-6451(Online), 5 pages.

5. "Combined probabilistic deflection and retransmission scheme for loss minimization in OBS networks", *Elsevier Optical Switching and Networking*, Vol. 18, Issue 1, November 2015, pp. 51–58.

CONFERENCES

National

2. "A Wavelet based Denoising approach to Speech Enhancement using Threshold Adaptation", *ISTE 7th Annual Convention of Tamilnadu and Pondicherry chapter*, November 26-27, 2004.

International

1. "A Novel Load Sharing Alternate Routing Strategy For OBS Networks Based On Static Information", *International Conference on Fiber Optics and Photonics – PHOTONICS 2008*, Dec. 13 – 17, 2008.

2. "Path differentiated QoS provisioning scheme for OBS networks", *Proc. of IEEE sponsored Int. Conf. ICCCNT 10*, India, July 2010, pp. 1 - 4, DOI:10.1109/ICCCNT.2010.5591685.

3. "WDMA protocol for OBS ring metro network with distributed queuing", *Proc. of IEEE sponsored Int. Conf. PACC 2011*, pp. 1- 4, July 2011, DOI:10.1109/PACC.2011.5978897.

4. "Effect of buffer size on the performance of DQOBSR protocol", *Proc. of IEEE sponsored Int. Conf., ICCSP 13*, April 2013, pp. 636-638, DOI: 10.1109/iccsp.2013.6577132.

5. "Interference Mitigation Scheme to Support WBANs Co-Existing with WLANs," IEEE Sponsored *International Conference on Communication and Signal Processing (ICCSP)*, Chennai, India, April 2019.

6. "Design of a Compact MIMO Antenna for LTE Application", IEEE *Int. Conference on Systems, Computation, Automation and Networking(ICSCAN), Puducherry, March 2019.*

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