

LIST OF PUBLICATIONS

International Journals

1. **Indumathi, G.** and Murugesan, K. "An Adaptive Time slot Allocation for Statistical QoS guarantees in Wireless Networks using Cross-layer approach," *International Journal of Communication Networks and Information Security*, Vol. 1, No. 2, pp. 29-34, April 2010.
2. **Indumathi, G.** and Murugesan, K. "An Optimal Sub Carrier Assigning Strategy for Delay Sensitive Users using a Cross-Layer scheduling Framework," *European Journal of Scientific Research*, Vol. 53, No. 4, pp.598-606, June 2011.
3. **Indumathi, G.** and Murugesan, K. "Efficient Bandwidth utilization using Cross-Layer scheduling with Outdated Channel State Information," *International Journal of Computing and Informatics, Informatica* (2011), Vol. 35, No. 2, pp. 245-250, 2011.
4. **Indumathi, G.,** Vijayarani, S. and Murugesan, K. "User Based Resource Scheduling for Heterogeneous Traffic in the Downlink of OFDM Systems," *Journal of WSEAS Transactions on Communication*, Vol. 15, No. 7, pp. 143-148, 2011.
5. **Indumathi, G.** and Murugesan, K. "Optimal Error Considerate Cross-layer Scheduler for Heterogeneous Users," accepted for publications in the *Journal of IET Communication*, UK.

National Journal

- 1 **Indumathi, G.** and Murugesan, K. "Diverse QoS Support of Multiclass Data Services Using Cross-Layer Scheduling," *ICFAI University Journal of Telecommunications*, Vol. 1, No. 1, pp. 37-53, August 2009.

International Conferences

- 1 **Indumathi, G.** and Murugesan, K. "Throughput Maximization in wireless Systems using an Adaptive Cross-layer scheduling," in the *IEEE International Conference of Computational Intelligence and Multimedia Applications 2007*, pp.389-393, IEEE Computer Society DOI 10.1109/ICCIMA 2007.329.

- 2 **Indumathi, G.**, Vijayarani, S. and Murugesan, K. “User based Cross-layer Scheduling for multiuser OFDM systems,” published in the Proc. International Conference on Signal Processing, Communication, Computing and Networking Technologies (ICSCCN-2011) held at Noorul Islam University during 21- 22, July 2011.