

LIST OF RESEARCH RELATED COMMUNICATED PAPERS

INTERNATIONAL /NATIONAL JOURNAL

1. **V. R. Gad**, R. S. Gad, G. M. Naik, "Performance Analysis of Gigabit Ethernet Standard for various physical media using Triple Speed Ethernet IP Core on FPGA", published in the book "Advances in Computer Science, Engineering and Applications" ,Eds. David C. Wyld et. al. by Springer Verlag, 2012.
2. **V. R. Gad**, R. S. Gad, G. M. Naik, "Implementation of Gigabit Ethernet Standard using FPGA" published in International Journal of Mobile Network Communications & Telematics (IJMNCT) Vol.2, No.4, August 2012 DOI : 10.5121/ijmnc.2012.2404 31.
3. Gad.R.S, Parab.J.S, **V.R.Gad**, Naik.G.M, "Embedded Platform Development: A SoC TCP/IP Control Platform for Ethernet-Enabled Devices", Circuit Cellar , Vol. 255 December 2011.
4. **V. R. Gad**, R. S. Gad, G. M. Naik , "Gigabit Ethernet Implementation of CRC-32 in noisy channels" , International Journal of VLSI Design , Vol.1, 2011.

Communicated

1. **Vinaya R. Gad**, Rajendra S. Gad, Gourish M. Naik , Testbed For Performance Evaluation of Low Density Parity Check (LDPC) Codes Over Gigabit Ethernet Protocol For Optical Fibre Physical Media , Computer Networks, Elsevier.
2. **Vinaya R. Gad**, Rajendra S. Gad, Gourish M. Naik Configurable CRC Error Detection Model For Performance Analysis of Polynomial: Case Study for the 32-bits Ethernet Protocol, Computer Networks, Elsevier.

INTERNATIONAL / NATIONAL CONFERENCES

1. A Saldanha, I. A. Nazareth, R. Veluskar, **V. R. Gad**, R. S. Gad, G. M. Naik, "Study of WiMAX and Simulation of Viterbi Decoder",WIRCON 2009, IEEE & L&T Institute of Technology Mumbai,October 2009.
2. **V. R. Gad**, R. S. Gad, G. M. Naik,"Implementation of Gigabit Ethernet using Double CRC-32 technique", National symposium on "VLSI & Embedded System" , Goa University & VSI ,Goa Chapter,Feb 2010.
3. **V. R. Gad**, R. S. Gad, G. M. Naik , "BER Performance for noisy channels in Gigabit Ethernet" , National symposium on "VLSI & Embedded System" , Goa University & VSI-Goa Chapter , March 2012.