

**MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**MAR IVANIOS VIDYANAGAR, NALANCHIRA, THIRUVANANTHAPURAM -15**  
**Research Publications**

**Academic Year 2009**

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| 1  | Indu C, Susan R J and Sakuntala S Pillai, "Pilot Assisted Single Carrier FDE for Multiple Data Rate Transmission in Multipath Fading Channels", International Conference on Modeling and Simulation (MS09) India 1-3 Dec 2009.   |
| 2  | Susan R J, Anusha US and Sakuntala S Pillai, "Transmitter Aided Pre-equalization for Downlink Channel of CDMA Systems", 10th National Conference on Technological Trends, NCTT 2009, CET, Trivandrum, pp. 273-276, Nov. 06-07, 2009.   |
| 3  | Susan R J, Indu C and Sakuntala S Pillai, "Implementation of Single Carrier-FDE for Multiple Rate Transmission", 10th National Conference on Technological Trends, NCTT 09, CET, Trivandrum, pp. 252-256, Nov. 06-07, 2009.  |
| 4  | J Jayakumari and Sakuntala S Pillai, "A spectrally efficient method for reducing intercarrier interference in OFDM" International Journal of Electronics & Communication Engineering, Vol.2, No : 1-2, 2009, [ISSN 0974-2166].   |
| 5  | E G Sarma and Sakuntala S. Pillai, "Soft Computing for Robust Secure Wireless Reception", Defense Science Journal, pp. 517-523, September 2009.  |
| 6  | Jaya Mathew, Susan R. J. and Sakuntala S. Pillai, 'Multiple Rate Multicarrier CDMA System with multiuser detection over Rayleigh fading channel'. International Journal on Communication and Technologies ISSN: 0973-5836, pp 31-37, Vol. 2, No. 1-2, 2009.  |
| 7  | Sulu Mary Sam, Susan R. J. and Sakuntala S. Pillai, 'Performance of wavelet based multicarrier CDMA System using equalization', International Journal on Communication and Technologies ISSN: 0973-5836, pp 67-72, Vol. 2, No. 1-2, 2009.  |
| 8  | Anusha U. S., Susan R. J., Sakuntala S. Pillai, 'Transmitted Aided preequalisation for downlink channel of CDMA systems', 10th National Conference on Technological trends (NCTT 09), Nov 2009, pp. 273-276.   |
| 9  | Sulu Mary Sam, Susan R. J., Sakuntala S. Pillai, 'Performance of wavelet based multicarrier CDMA system using decision feedback equalization,' National conference on computing, communication and information systems. NCCCIS 2009, Organized by Sri Krishna college of Engineering and technology, Coimbatore 641008, 2009, pp. 150-157. |
| 10 | Jaya Mathew, Susan R. J., Sakuntala S. Pillai, 'Multiple Rate Multicarrier CDMA System with multiuser detection over Rayleigh fading channel, ' National conference on computing, communication and information systems. NCCCIS 2009, Organized by Sri Krishna college of Engineering and technology, Coimbatore 641008, 2009, pp 158-164. |
| 11 | Anil Kumar R., Susan R. J, Sakuntala S. Pillai, 'Channel Estimation for frequency domain equalization for a DS CDMA fixed wireless terminal,' International conference on Advances in Optoelectronics, Information and Communication Technologies ICOICT 2009, at S. C. T College of Engineering, Trivandrum, Feb. 2009, pp 289-292.       |