

## Publications

1. Subramanian N, Yajnik A, Murthy RSR. "Artificial Neural Network as an Alternative to Multiple Regression Analysis in Optimizing Formulation Parameters of Cytarabine Liposomes". *AAPS PharmSciTech*. 2004; 5(1): article 4.
2. S. Rama Mohan, Archit Yajnik: "Gujarati Numeral Recognition Using Wavelets and Neural Network" Proceedings of Indian International Conference on Artificial Intelligence 2005, pp. 397-406.
3. Archit Yajnik, S. Rama Mohan, "Identification of Gujarati characters using wavelets and neural networks" Artificial Intelligence and Soft Computing 2006, ACTA Press, pp. 150-155.
4. Archit Yajnik, S. Rama Mohan, "Interpolation of a Signal Using Discrete Wavelets Transform", Accepted for publication in the *International Journal of Artificial Intelligence*, Autumn 2008.
5. Jignesh Dholakia, Archit Yajnik, Atul Negi: "Wavelet Feature Based Confusion Character Sets for Gujarati Script", International Conference on Computational Intelligence and Multimedia Applications 2007, pp. 366-371.