**Dr. Mahalingam College of Engineering and Technology, Pollachi**

**Department of Electronics and Communication Engineering**

**Year-2010**

International Journals:

1. *Dr.V.K.Sudha, Dr.Sudhakar, “Adaptive Compression of Medical Images through Self Organizing Feature Map” International Journal of Applied Engineering Research Vol.5, No.18, pp.3055 – 3060, 2010.*

International Conferences:

1. *Sudha.V.K, Ashok kumar.N and Sudhakar.R, ‘Electrical activity of Human Brain-An Early marker for Alzheimer’s disease’ accepted for presentation in the International Conference on Bioinformatics and computational Biology (World congress for computer Science-2010)at Losvegas,U.S.A during July 12-15,2010*

National Conference:

1. *Mr.R.Praveen kumar, Mr.T.Gopalakrishnan, “* *Total variation based image deconvolution for LCD motion blur reduction” Second National Conference On Electrical Sciences And Technology Innovations (Nest I '10) On 12th & 13th April 2010 on Dr. Mahalingam College of Engineering and Technology, Pollachi.*
2. *Sudhakar. R, Kavitha. N, “Comparison of Time frequency transforms in power quality analysis”, Proceedings of the Third National Conference on Electrical Instrumentation Systems 2010 held on 19th March, 2010 at Government College of Technology, Coimbatore.*
3. *Mr.R.Praveen kumar, “A Signal processing Approach to Reduce Motion Blur in LCDs by Deconvolution method” National conference on Innovations in Electrical, Electronics and Control Systems (IEECONS 2010) on march 2010 at Kumaraguru College of Technology, Coimbatore.*

Books Published:

1. *Dr.Sudhakar, ”Research Issues In Image Compression Using Wavelet Variants” Published by Lambert Academic Publishing (LAP), Germany ISBN-10: 3843367183 ISBN-13: 978-3843367189 12/12/2010*
2. *Dr.Sudhakar “Wavelet based image compression” in book titled “Computational Intelligence Techniques in Handling Image Processing and Pattern Recognition”, Published by Lambert Academic Publishing (LAP), Germany, ISBN:978-3 -84 33 -5802-6 2010*
3. *Mr.J.Rangarajan “Electric Circuits and Electron Devices” Pratheeba Publishers, Coimbatore 2010*