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

**Department of Electronics and Communication Engineering**

**Year-2013**

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1. *Dr.V.K.Sudha, Dr.R.Sudhakar, “3D Listless Embedded Block Coding Algorithm for Compression of Volumetric Medical Images” Journal of Science and Industrial Research Vol.72, Dec 2013, pp. 735 - 738 Annexure : 1, S.No-5248 Impact Factor - 0.505.*
2. *Mrs.K.Sumathi, Dr.M.L.Valarmathi, “Joint Physical - MAC Layer Resource Allocation Approach for Heterogeneous Traffics in OFDM” Australian Journal of Basic and Applied Sciences Dec 2013, pp:160 – 168.*
3. *Mrs.K.Sumathi, Dr.M.L.Valarmathi, Ms.S.R.Sivaranjani, Ms.R.Sujithra, “Joint Adaptive Modulation and multiuser Downlink Scheduling - A survey” International Journal of Emerging Technology and Advanced Engineering, ISSN: 2250 – 2459 Dec 2013, pp: 160 – 168.*
4. *Mrs.C.Kalamani, Dr.K.Paramasivam,“Survey of low power testing using compression techniques” International Journals on Electronics and Communication Technology, Vol 4 Issue 4 ISSN online . 13-18 Dec 2013.*
5. *Mrs.K.Sumathi, Dr.M.L.Valarmathi, “User Based Scheduling and resource Allocation in Downlink OFDM System with PSO and GA”International Journal of Engineering and Technology (IJET) ISSN: 0975 – 4024 Vol 5, No 5, Oct - Nov 2013 pp: 3676 – 3684.*
6. *Mr.AyyemPillaiVasudevan, Dr.R.Sudhakar, “A Low Complexity Near – Optimal MIMO Antenna Subset Selection Algorithm for capacity Maximisation”, International Journal of Antennas and Propagation – Hindawi Publishers ISSN: 1687-5869 Vol.6, September 2013, pp.1-11, DOI:10.1155/2013/956756, Annexure: 1, S.No-3724, Impact Factor - 0.683.*
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3. *Sudhakar.R, Ayyempillai.V. ‘V-BLAST Detectors: Performance Investigation in Correlated Condition and Time Analysis Proceedings of IEEE International Multiconference on Automation, Computing, control, Communication and Compressed Sensing(iMac4s) Article no. 25, pp 166-171 School of Electronics St. Joseph's College of Engineering & Technology, Choondacherry, Palai, Kottayam District, March 22-23 2013. Paper available in IEEE Xplore under Digital Object Identifier: 10.1109/iMac4s.2013.6526390 INSPEC Accession Number: 13566986 Print ISBN 978-1-4673-5089-1).*

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National Conference:

1. *Mrs.E.Kamalavathi, Ms.K.Karpagavalli, Ms.M.Maheswari, Ms.K.R.Manjuladevi, Ms.V.Krishnaveni, “Smart home using interactive perception with ZIGBEE” National conference on communication and advanced research in Electrical , Electronics, Robotics at S.N.S college of engineering on March 1st and 2nd 2013.*