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**Conferences**

1. **S.Tamilselvan**, K.Manivannan, T.G.Palanivelu, “Analysis Of Handoff Algorithms In CDMA Cellular System”, **IET-UK** International conference on information and communication technology in electrical sciences (ICTES 2007) 20-22 Dec,2007 organised by Dr.M.G.R. University, Chennai.
2. **S.Tamilselvan**, K.Manivannan, “Analysis of Soft Handoff in Reverse Link for Coverage-Capacity Tradeoff in CDMA Cellular Systems”, International conference on signal processing, communication, and networking (ICSCN 2008) 4-6 Jan, 2008 organised by Department of Electronics Engineering, Madras Institute of Technology, **Anna University**, Chennai.
3. **S.Tamilselvan**, A.Hemamalini and K.Manivannan, “Performance Analysis of Fast Handoff Algorithms Using Local Averaging Technique in Cellular Networks”, The international conference on Distributed Frameworks & Applications 2008 (DfMa 2008), October 21-22, 2008 organised by Universiti sains Malaysia, Penang, **Malaysia**.
4. **S.Tamilselvan**, K.Manivannan, “Analysis of Soft handover Margin in Downlink WCDMA System”, **TENCON 2008**, November 18-21, 2008 organised by **IEEE** Hyderabad section, University of Hyderabad, Hyderabad.
5. **S.Tamilselvan**, N. Thyagarajeswara Naidu and K.Manivannan, “Optimization of SHO Margin in WCDMA Network”, **IEEE INDICON 2008**, IEEE conference & Exhibition on Control, Communication and Automation, 11-13 December, 2008 organised by IEEE Uttar Pradesh section, IEEE India Council & **IIT Kanpur**.
6. **S.Tamilselvan**, K.Manivannan, “An algorithm for coverage-capacity tradeoff from soft handoff in CDMA cellular systems”, 23<sup>rd</sup> National convention of electronics and telecommunication engineers and national seminar on “Future trends in electronics and telecommunication for sustainable development – vision 2020”, organized by **The Institution of Engineers (India)**, Pune local centre on Oct 28-29, 2007.
7. **S.Tamilselvan**, K.Manivannan, “Optimization of Power Control during Soft Handover in WCDMA Cellular Networks”, ‘1st Workshop on Wireless Broadband

Access for Communities and Rural Developing Regions - WIRELESS4D'08, December 11-12, 2008, Karlstad University, Sweden.

8. **S.Tamilselvan**, S.Vasanthakumar and G.Annalakshmi “An Envelope Digital Clipping for PMEPR Reduction in MC-CDMA systems,” Second National Conference on Signal Processing, Communications and VLSI Design, May 7<sup>th</sup> and 8<sup>th</sup> 2010, Anna University Coimbatore.
9. **S.Tamilselvan**, and G.Annalakshmi “Hybrid Filter Bank with Digital Synthesis Filter,” International Conference on Advances in Information, Communication Technology and VLSI Design, August 6<sup>th</sup> and 7<sup>th</sup> 2010, PSG College of Technology.
10. **S.Tamilselvan**, A.Alexander, “Bandwidth Request-Allocation for ERTPS in Mobile WiMAX Networks,” Proceedings of the International Conference on 4G Wireless Computer Networks, Kamban Engineering College, Tiruvannamalai, pp. 143-152, March 4<sup>th</sup> to 6<sup>th</sup> 2011.
11. **S.Tamilselvan**, C.Tamizhselvan, “IEEE 802.21 Media Independent Handover Mechanism for Heterogeneous Networks” AICTE Sponsored International Conference on Communication and Signal Processing, April 2012.
12. **S.Tamilselvan**, G.Senthamilselvan, “Investigation of Differential Feedback Rate for Time Correlated MIMO Transmission over Fading Channels” AICTE sponsored 1<sup>st</sup> National Conference on Green Technology Concepts for Bridging the Digital Divide using ICT, Green ICT 2013, pp.54-59, July 2013.
13. **S.Tamilselvan**, S.Savitha, “Spectrum Utilization and Enhancement of Coverage for Device to Device Cellular Network” IEEE *International Conference on Computational Systems in Engineering and Technology (ICCSET) 2014*, pp. 104-109, March 7<sup>th</sup> and 8<sup>th</sup> 2014.
14. **S.Tamilselvan**, R.Gajalakshmi, “Resource Allocation for OFDMA Macro/Femto Networks” IEEE *International Conference on Computational Systems in Engineering and Technology (ICCSET) 2014*, pp. 165-170, March 7<sup>th</sup> and 8<sup>th</sup> 2014.
15. **S.Tamilselvan**, V.Kamalakannan, “Security enhancement of text message based on matrix approach using elliptic curve cryptosystem” 2<sup>nd</sup> International Conference on Nanomaterials and Technologies, CNT'14, pp.42-43, October 2014.
16. **S.Tamilselvan**, D.Rahul Gandh,V.Kamalakannan and R.Balamurugan, “FPGA Implementation of Enhanced Key Expansion and Error Correction Algorithm for

Advanced Encryption Standard”, *IEEE International Conference on Contemporary Computing and Informatics*, 978-1-4799-6629-5/14, pp.409-413, November 2014.

17. **S.Tamilselvan**, R.Balamurugan, V.Kamalakaran and D.Rahul Gandh “Enhancing Security in Text Messages Using Matrix based Mapping and ElGamal Method in Elliptic Curve Cryptography”, *IEEE International Conference on Contemporary Computing and Informatics*, 978-1-4799-6629-5/14, pp.103-106, November 2014.
18. **S.Tamilselvan**, V. Kamalakaran, “An Efficient cryptography protocol using matrix mapping technique”, *IEEE International Conference on Communication and Signal Processing* Conducted by Department of ECE, Adiparasakthi Engineering College, Melmaruvathur, 2- 4<sup>th</sup> of April, 2015.
19. **S.Tamilselvan**, Ch.V.M.S.N.Pavan Kumar, “A Review on 3GPP Femtocell Networks and its Challenges”, *DRDO Sponsored International conference on Electrical, Electronics, Instrumentation and Computer Communication (EEICC-2015)* Conducted by Karpagam College of Engineering, Coimbatore, pp.265-271, 18& 19<sup>th</sup> of December, 2015.
20. **S.Tamilselvan**, Ch.V.M.S.N.Pavan Kumar, Prabagar S, “An effective cognitive spectrum sensing approach based on hidden markov model with state prediction”, *DRDO Sponsored International conference on Electrical, Electronics, Instrumentation and Computer Communication (EEICC-2015)* Conducted by Karpagam College of Engineering, Coimbatore, pp.279-284, 18& 19<sup>th</sup> of December, 2015.
21. **S.Tamilselvan**, G.Dharanidharan, “Design and Implementation of Unmanned Vehicles for Unexplored Environment using Swarm Intelligence” *TEQIP Sponsored Conference on Instrumentation Systems, Measurement and Automation (CISMA-2015)* Conducted by Dept. of EIE, Pondicherry Engineering College, Puducherry, pp.67-72, 7<sup>th</sup> & 8<sup>th</sup> of January, 2016.
22. **S.Tamilselvan**, Ch.V.M.S.N.Pavan Kumar, S.Prabagar, “A Survey on Spectrum Sensing Techniques”, *TEQIP Sponsored Conference on Instrumentation Systems, Measurement and Automation (CISMA-2015)* Conducted by Dept. of EIE, Pondicherry Engineering College, Puducherry, pp.85-90, 7<sup>th</sup> & 8<sup>th</sup> of January, 2016.
23. **Tamilselvan.S**, Ch.V.M.S.N.Pavan Kumar, Prabhakaran P, “Efficient Interference Mitigation in Femtocell Networks”, *TEQIP Sponsored International Conference on*

Communication and Security (ICCS-2016) Conducted by Dept. of ECE, Pondicherry Engineering College, Puducherry on 17<sup>th</sup> -19<sup>th</sup> March, 2016.

24. **S.Tamilselvan**, Yazhinian S, “Thermal analysis in 3D for random heat flux”, TEQIP Sponsored International Conference on Communication and Security (ICCS-2016) Conducted by Dept. of ECE, Pondicherry Engineering College, Puducherry on 17<sup>th</sup> - 19<sup>th</sup> March, 2016.
25. **S.Tamilselvan**, Erna Guguloth, “Progressive fault Tolerant Filter Based on MCM”, TEQIP Sponsored International Conference on Communication and Security (ICCS-2016) Conducted by Dept. of ECE, Pondicherry Engineering College, Puducherry on 17<sup>th</sup> -19<sup>th</sup> March, 2016.
26. **S.Tamilselvan**, Kamalakannan Venkataraman, “Implementation Menezes Vanstone Elliptical Curve Cryptography Algorithm Using Matrix Mapping Method”, TEQIP Sponsored International Conference on Communication and Security (ICCS-2016) Conducted by Dept. of ECE, Pondicherry Engineering College, Puducherry on 17<sup>th</sup> - 19<sup>th</sup> March, 2016.
27. **S.Tamilselvan**, Kamalakannan.V, “Architecture for the Cloud Integrated Internet of Things”, International Conference on Recent trends in Mechatronics, Electronics & Cloud computing (ICRMEC-2016), R.L.Jallappa Institute of Technology, Doddaballapur, Bangalore, 22<sup>nd</sup> -23<sup>rd</sup> December 2016.