

DC MEMBER PUBLICATION DETAILS

NAME: Dr. N.S.PRADEEP

DESIGNATION: SENIOR ASSISTANT PROFESSOR

DEPARTMENT: ECE

NAME OF THE ORGANIZATION: ANNA UNIVERSITY, BIT CAMPUS

PLACE: TIRUCHIRAPPALLI

PINCODE: 620024

MOBILE: 9994284070

EMAIL: pradeepselvan@aubit.edu.in

AREA OF SPECIALIZATION: WIRELESS COMMUNICATION, VLSI, EMBEDDED SYSTEMS, ROBOTICS & AUTONOMOUS SYSTEMS.

PUBLIC ATIONS

INTERNATIONAL JOURNALS: (9)

1. **Dr N.S.Pradeep**, “Combined Source and Channel Coding for Image Transmission Using Enhanced Turbo Codes in AWGN and Rayleigh Channel”, World Academy of Science, Engineering and Technology International Journal of Electronics and Communication Engineering Vol:9, No:6, 2015
2. **Dr N.S.Pradeep**, “Performance improvement of Max-Log-MAP Turbo decoding algorithm using optimized scaling factor for image transmission and retrieval”, 2015 International Conference on Green Computing and Internet of Things (ICGCIoT), Pg:1161-1167,
3. **Dr N.S. Pradeep** and M. Balasingh Moses, “Modified Max-Log-MAP Turbo Decoding Algorithm for MIMO-OFDM System”, Asian Journal of Information Technology Year:2016 Volume:15 Issue:6 Page No.1005 – 1014, DOI: 10.36478/ajit.2016.1005.1014
4. **Dr N. S. Pradeep**, Saravanamurthy P. Sakthivel , “Optimized Double Correction Factor Approach for Reducing the Bit Error Rate in Additive White Gaussian Noise and Rayleigh Fading Channel”, Published 2017 , Journal of Computational and Theoretical Nanoscience, DOI:10.1166/jctn.2017.6852, Corpus ID: 12560053.
5. V. Aarthi;V.R. Sarma Dhulipala; **Dr.N.S. Pradeep**, “Reduction Factor Approach to Improve the Performance of Soft Output Viterbi Algorithm in AWGN Channel” 2019 IEEE International WIE Conference on Electrical and Computer Engineering (WIECON-ECE)

6. R. Krishnamoorthy, **N. S. Pradeep**, V. Aarthi, "Effect of Various CODEC Parameters on the Performance of Modified Max-Log-MAP Turbo Decoding Algorithm" WSEAS TRANSACTIONS on COMMUNICATIONS August 2013.
7. Dr. R. Krishnamoorthy, **N.S. Pradeep**, "Performance Improvement of Max-Log-MAP Turbo Decoding Algorithm using Optimized Scaling Factor in AWGN and Rayleigh Fading Channel" International Journal of Systems, Algorithms and Applications. May 2013
8. Dr. R. Krishnamoorthy, **N.S. Pradeep**, "Forward Error Correction Code for MIMO-OFDM System in AWGN and Rayleigh Fading Channel" International Journal of Computer Applications 69(3):8-13 DOI: 10.5120/11820-7505 May 2013
9. Dr. R. Krishnamoorthy, **N.S. Pradeep**, "Performance Enhancement of Max-log-MAP turbo decoding algorithm" 2012 European Journal of Scientific Research ISSN/ISBN: 1450-216X