

### **Publication Details of Dr.C.Tharini**

1. Chakraborty, P., Tharini, C. 2022, "Integration of Prediction Based Hybrid Compression in Distributed Sensor Network". Wireless Pers Commun 122, 229–241.
2. Chakraborty, P., Tharini, C. 2021, "An Efficient Parallel Block Compressive Sensing Scheme for Medical Signals and Image Compression". Wireless Pers Commun.
3. Ambika, A., Tharini, C. & Ali, T. 2021, "Analysis of Dual Semicircle Shape CSRR Sensor for Dent Detection on Teflon Coated Metal Surfaces". Wireless Pers Commun 118, 2885–2896.
4. S Kalaivani, C Tharini, Am Azarudeen, R Karthikeyan, 2021, "Iot Based Smart And Efficient Wind Turbine Monitoring System, Information Technology In Industry", Volume 9, Issue 1, Pages 1205-1212.
5. Bhuvaneshwari, P.V., Tharini, C. 2021, "Review on LDPC Codes for Big Data Storage". Wireless Pers Commun 117, 1601–162.
6. S Kalaivani, C Tharini, 2020, "Corrigendum to Analysis and implementation of novel Rice Golomb coding algorithm for wireless sensor networks", Computer Communications, Volume 162, Pages 227.
7. Kalaivani, S., Tharini, C., Saranya, K. et al. 2020, Design and Implementation of Hybrid Compression Algorithm for Personal Health Care Big Data Applications. Wireless Pers Commun 113, 599–615.
8. Mahalakshmi, R.; Bhuvaneshwari, P. V.; Tharini, C.; Bhaskar, Vidhyacharan, 2020, "A Novel Algorithm to Design Rate-Adaptive Irregular LDPC Codes" , Wireless Personal Communications, Vol. 113 Issue 1, p453-468.
9. P. Chakraborty and C. Tharini, 2020, "Pneumonia and Eye Disease Detection using Convolutional Neural Networks", Eng. Technol. Appl. Sci. Res., vol. 10, no. 3, pp. 5769–5774.
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14. S Kalaivani, C Tharini, 2018, "Analysis And Modification Of Rice Golomb Coding Lossless Compression Algorithm For Wireless Sensor Networks", Journal of Theoretical & Applied Information Technology, Volume 96, Issue 12
15. A. Ambika, C. Tharini, K. Roashna, R. P. Sujitha and J. R. Begam, 2018, "Analysis of Different CSRR Structures on Microstrip Transmission Lines," International Conference on Recent Trends in Electrical, Control and Communication (RTECC), pp. 120-127
16. P. Chakraborty, C. Tharini and M. Abidha M, 2018, "Hardware Implementation Of Compressed Sensing Algorithm", International Conference on Recent Trends in Electrical, Control and Communication (RTECC), 2018, pp. 46-50
17. M T Ali A Ambika, C Tharini, 2018, "Novel D SRR based Dual Band Antenna for Wimax/C Applications, Microwave & Optical Technology Letters", Volume 61, Issue 2, Pages 1-7
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