

**Journal Publications**

1. **Dr.Gowri Shankar, C.** and Thiagarajan, J. “Quality improvement and performance analysis of High Efficiency Video Coding under high quantization parameters and rain streaks”, International Journal of Signal, Image and Video Processing (**Springer**), Vol. 14, PP. 387–395, 2019.
2. **Dr.Gowri Shankar, C.** and Thiagarajan, J. “Investigation of filtering of rain streaks affected video sequences under various quantization parameter in HEVC encoder using an enhanced V-BM4D”, IET Image Processing, 2019. doi: 10.1049/iet-ipr.2018.6005
3. **Dr.Gowri Shankar, C.** and Arun Prasath, C., “Voltage deviate-domino circuits for low power high speed applications using prescient innovation model”, International Journal of Microprocessors and Microsystems (**Elsevier**), Vol. 71, 2019. ISSN 0141-9331.
4. **Dr.Gowri Shankar, C.,** Madlin Asha, M. and Menaka E., ‘Secure Image Encryption and Data Embedding Using Block Truncation Coding’, in Caribbean Journal of Science, Vol. 53, Issue 2, 2019. ISSN: 0008-6452.
5. **Dr.Gowri Shankar, C.** and Arun Prasath, C. “Design and Simulation of Low Leakage High Speed Domino Circuit using Current Mirror”, International Journal of Emerging Technology in Computer Science & Electronics, Vol. 20, No. 2, pp. 197 – 202, 2016.
6. **Dr.Gowri Shankar, C.** and Rubini, P. “Lattice Structure-Based Spatial Co-Location Pattern Mining Using Rect Search Algorithm”, Asian Journal of Information Technology, Vol. 15, No. 21, pp. 4200-4212, 2016.
7. **Dr.Gowri Shankar, C.** and Rubini, P. “Multidimensional Circlet Lattice based Approach to Mine Spatially Co-Located Patterns”, Asian Journal of Research in Social Sciences and Humanities' Vol. 6, No. 8, pp. 2260-2274, 2016.
8. **Dr.Gowri Shankar, C.** and Rubini, P. “Fuzzy logic pattern classification for web directories optimization”, in International Journal of Advanced Engineering Technology, Vol. 7, No. 2, pp. 913-917, 2016.

9. **Dr.Gowri Shankar, C.** and Rubini, P. "A survey on Co located pattern mining in spatial dataset", International Journal of Multidisciplinary Research and Development, Vol. 2, No. 1, pp. 507-509, 2015.
10. **Dr.Gowri Shankar, C.** and Shamsudeen Shafreen.S. "An efficient system for Electrocardiogram data acquisition and analysis using LabVIEW" International Journal for Trends in Engineering and Technology, Vol. 4, No. 2, 2015