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2. **Gowri Shankar, C.** and Thiyagarajan, 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. **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. **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. **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. **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. **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. **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. **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. **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

CONFERENCE PUBLICATIONS

11. **Gowri Shankar, C.** and Thiyagarajan, J. “Investigation of Denoising Performance of advanced BM 3D-Double Convolutional Layer Neural Network Structure”, in Int. Conf. on Innovative Engineering Initiatives (ICIEI-

2019) held during 13th &14th March 2019 at SRM TRP Engineering College, Trichy.

12. **Gowri Shankar, C.** and Mohanapriya “Denoising of Rain streak HD Videos using HEVC in Convolution Neural Network”, in Int. Conf. on Emerging Trends in Renewable Energy, Power quality and Optimization techniques (ETREPQOT-2K19) held on 25th February 2019 at Er. Perumal Manimekalai College of Engineering, Hosur.
13. **Gowri Shankar, C.**, Thilakraj K., Vengateshmurugan, A., Vignesh, P. N. and Vijayaraghavan, T. R. “Automated Feeding and Watering System for Farmyard”, in Int. Conf. on Recent innovations in Engineering, Technology and Management (ICRIETM -2019) held on 22nd March 2019, Nandha Engineering College, Erode.
14. **Gowri Shankar, C.** and Arun Prasath, C. “FPGA implementation of Video watermarking using DCT and DWT Transforms”, in International Conference on Communication and Signal Processing held during 26th to 28th April 2016 at Adhiparasakthi Engineering College, Chennai.
15. **Gowri Shankar, C.** and Gayathri, R. “An efficient image compression Algorithm using non sub sampled shearlet transform”, International Conference on Electrical, Electronics and Computer Engineering, Vivekanandha College of Engineering for women, March 11 & 12, 2015.