

## **D. VENUGOPAL,B.E,M.E,Ph.D**

### **PUBLICATIONS**

1. **Venugopal. D**, Jaishankar B & Shyamala banu R, 2019, 'Design of Automatic Body Biasing System for Low power VLSI Applications', Journal of Advanced Research in Dynamical and Control Systems, Vol 11, no. 1, ISSN: 1943-023X. (Scopus Indexed)
2. **Venugopal. D**, Mohan. S & Sivanantha Raja. A, 2016, 'An efficient block based lossless compression of medical images', Optik - International Journal for Light and Electron Optics, ELSEVIER PUBLICATIONS, , Vol 127, no. 2, pp. 754-758, ISSN: 0030-4026, Impact factor. 0.677 (SCI Indexed)
3. **Venugopal. D**, & Sivanantha Raja. A, 2015, 'Improvement of Public Healthcare System through Band Effective Storage and Transmission of Color Medical Images', Journal of Pure and Applied Microbiology, Vol.9, Special issue on Recent Research Challenges in Bio-medical Applications, pp. 201-207, ISSN : 2319-3336 (Scopus indexed).
4. **Venugopal. D**, Sivanantha Raja. A, & Uma. M, 2013, 'Multistage Compression of Encrypted Images for Band Effective Secured Transmission and Reconstruction', International Journal of Tomography and Statistics, Vol.24, no.3, pp. 95-102, ISSN :0972-9976 (Scopus indexed journal).
5. Jeyashree, Deepa, Gayathri, **Venugopal.D**, 2019, 'Certain Investigation on Fog density estimation and Image Defogging algorithm', Journal of Emerging Technologies and Innovative Research, Vol 6,issue 3, ISSN: 2349-5162.
6. **Venugopal. D**, Mohan. S & Sivanantha Raja. A, 2015, 'An Improved Lossless Medical Image Compression Using Block-Based Transformation and Huffman Encoding' , International Journal of Applied Engineering Research, Vol. 10 No.49, PP. 641-646, ISSN: 0973-4562

7. **Venugopal. D**, Sivanantha Raja. A, Jegan prabhakaran. P, Ayyankalai. B, & Seemaichamy. S, 2015, 'FPGA Implementation of Lossless Compression of Color Medical Images by Hierarchical Prediction and Arithmetic Coding', International Journal of Applied Engineering Research, Vol. 10 No.55, pp. 74-77, ISSN : 0973-4562.
8. **Venugopal. D**, Gunasekaran. M, & Sivanantha Raja. A, "Secured Colour Image Compression and Efficient Reconstruction Using Arnold Transform with Chaos Encoding Technique", International Journal of Advanced Research in Computer and Communication Engineering, Vol. 4, no. 5, pp.169-174. ISSN:2278-1021.
9. **Venugopal. D**, Sivanantha Raja. A, Chitra lekha. V. M, & Lavanya. V, 2015, 'Colour Medical Image Compression using Ripplet Transform and Huffmann coding', International Journal of Advanced Information Science and Technology, vol.34, no.34, pp. 375-380, ISSN : 2319-2682.
10. **Venugopal. D**, & Sivanantha Raja. A, 2013, 'Multistage Compression of Medical Images for Ultra low power Device Applications', International Journal of Scientific and Industrial Research, vol.4, no.5, pp. 2230-2235, ISSN : 2229-5518.
11. Sivanantha Raja. A, **Venugopal. D**, & Navaneethan. S, 2012, 'An Efficient Coloured Medical Image Compression Scheme using Curvelet Transform', European Journal of Scientific research, vol.80, no.3, pp. 416-422, ISSN : 1450-216X.
12. Suganya. M, Ramachandran. A, **Venugopal. D** & Sivanantha Raja. A, 2014, 'Lossless Compression and Efficient Reconstruction of Colour Medical Images', International Journal of Innovative research in Computer and Communication Engineering, vol.2, special issue no.1, pp. 1271-1278, ISSN : 2320-9801.