

List of publications :

1. **K.Manivel** & et al “Speckle Denoising Filters- A Survey”, International Journal of Mathematics and Computer Research (IJMCR), Vol.No. 8, Issue.No. 8, August 2020.
2. **K.Manivel** & et al “Medical Image Segmentation Approaches: A Survey”, International Journal of Electronics and Communication Engineering (IJECE), Vol.No.7, Issue.No. 7 , July 2020.
3. Madde Pavan Kumar, **K. Manivel**, N. Jayanthi "Classification & Detection of Vehicles using Deep Learning" Published in International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-4 | Issue-3, April 2020, pp.283-291
4. **K.Manivel** & et al “An Efficient Two step Algorithm for Despeckling the Ultrasound Image”, International Journal of Engineering and Advanced Technology (IJEAT), Vol.No. 8, Issue.No. 6, March 2019.
5. P.Nageswari, S.Rajan and **K.Manivel**, “Ultrasound Image Enhancement Based on Fuzzy Membership Function and Radon Transform”, Asian Journal of Mathematics and Computer Research, Vol.No. 26, Issue.No. 1, March 2019, pp- 33- 38
6. **K.Manivel**, P.Nageswari and S.Rajan, “Fractional calculus and Fuzzy rule Based Filter for Despeckling the Medical Images”, International Journal of Engineering and Technology, Vol.No. 7, Issue.No. 4, August 2018, pp- 585- 589.
7. Mohanakannan B and **Manivel K**, “Multi-User Detection for FEC- Coded Massive Trellis Coded Modulation MIMO: An Iterative Interference Rejection Approach”, International Journal of Advanced Research in Electronics and Communication Engineering, February 2018, Vol.No 7, No.2, PP-106-109.
8. P.Nageswari and S.Rajan and **K.Manivel**, “Fuzzy application based Despeckling algorithm for ultrasound images”, International journal of pure and applied Mathematics, February 2017, Vol.No 117, No. 20,PP-773-784.
9. **K.Manivel** and K.Kalaimaamani, “ Smart Bicycle Dashboard with Helmet Recognition Capability based on Embedded Vision Processing to ensure Compulsory Wearing of Helmets by Riders, International Journal on Recent Researches In Science, Engineering & Technology, January 2017, Vol.No 5, No. 1,PP- 22- 25.
10. V.Ellappan, **K. Manivel**, and Samson Ravindran, R, “An Efficient Data Storage for Medical Images using Wavelet Transforms”, Asian Academic Research Journal of Multidisciplinary, June 2016 vol. 3, no. 6, ISSN: 2319 – 2801.
11. **K.Manivel** and Dr.R.Samson Ravindran, “Application of Fuzzy Logic Detector to Improve the Performance of Impulse Noise Filter” Applied Mathematics and information Sciences, May 2016, Volume.No.10, Issue. 3, Pages: 01-05, 2016.

12. **K.Manivel** and Jobit Mathew, “Secret Data Hiding in Encrypted Compressed Video Bit streams for Privacy Info Protection” International Journal of Electronics and Communication Engineering, April 2015, Volume.No.2, Issue. 4, Pages: 01-05.

13. **K.Manivel** and Dr.R.Samson Ravindran, “Noise Removal for Baseline Wander and Power Line in Electrocardiograph Signals” International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, February 2015, Volume.No.4, Issue. 2, Pages: 1114-1122.