

List of Research Papers Published in Journals

2009

1. G.Madhavilatha, I.Kullayamma, S. Varadarajan and T. Rajendra Prasad “Moments Estimation of Atmospheric Radar Wind Profiler Data- A case study” Journal of Theoretical and Applied Information Technology(JATIT) ISSN: 1992-8645, Vol.10. No. 1, December 2009.Impact factor 1.71

2011

2. B.L. Jagadesh, I. Kullayamma, Vivek and Naresh “Handover Analysis” International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622, Vol.1. Issue. 2, July – Aug. 2011. Impact factor 5.169
3. C.K.Meghalatha and I.Kullayamma “Audio –visual Fusion and Tracking with Multi-camera of Articulated Human Motion Using Shape and Motion Cues “International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622, Vol.1. Issue. 3, Sep. – Oct. 2011. Impact factor 5.169

2012

4. M.Vijaya Rama Raj and I.Kullayamma “CADU Technique to improve Image Compression at low bit rates “International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622, Vol.2. Issue. 4, July – Aug. 2012.
 - a. Impact factor 5.169
5. P.Srilaxmi, I.Kullayamma and M. Durga Rao “Removal of Clutter by using Wavelet Transform for wind Profiler” International Journal of modern Engineering Research(IJMER) ISSN: 2249-6645, Vol.2. Issue. 6, Nov. – Dec. 2012. Impact factor 1.227

2013

6. I.Kullayamma and P.Madhavee Latha “Retinal image Analysis for Exudates Detection” International Journal of Engineering Research and Applications “(IJERA) ISSN: 2248-9622, Vol.3. Issue. 1, Jan. – Feb. 2013. Impact factor 5.169

2014

7. K.Noornisal and I.Kullayamma “A Robust Pollution Detection and Status Informer Unit for Automotive Vehicle System” International Journal of Electrical & Electronics Engineering(IJEEE) ISSN: 2231-5184, Vol.4. Issue. 3, March 2014. Impact factor 2.7
8. I.Kullayamma and Dr. P.Sathyanarayana “A Robust Image Watermarking Based on Gradient Vector Quantization and Denoising using Contour let Transform”, International Journal of Engineering Research and Applications(IJERA) ISSN: 2248-9622,Volume 4, Issue 9,September 2014. Impact factor 5.169

2015

9. I.Kullayamma and Dr. P. Sathyanarayana “Robust Image Watermarking Based on Gradient Direction Quantization used for CTS of Bank”,IFRSA International Journal of Graphics and Image processing(IJGIP)ISSN: 2249-5452,Volume 5, Issue 2, May 2015. Impact factor 2.69
10. I.Kullayamma and Dr.P.Sathyanarayana “Robust Digital Image Watermarking Based on Gradient Direction Quantization and Denoising using Bilateral Filter and its Method Noise Thresholding”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and control Engineering Volume 3,Issue 9,September 2015. Impact factor 3.885
11. M. Venkatanaresh and I.Kullayamma “Dual Authentication Watermarking system in Tele-radiology using WBC Transform “International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) ISSN : 2278-8875(online) , ISSN: 2320-3765 (print) , Volume 4 , Issue 10, October 2015.
 - a. Impact factor 5.016

2016

12. I.Kullayamma and Dr. P. Sathyanarayana “A Novel Method of Digital Image Watermarking in Spatial Domain Based on Interpolation”, International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) ISSN : 2278-1021(online) , ISSN: 2319-5940 (print) , Volume 5 , Issue 2, February 2016. Impact factor 5.332
13. I.Kullayamma and Dr. P. Sathyanarayana “Digital Image Watermarking Based On Gradient Direction Quantization and Denoising Using Guided Image Filtering”, International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622,Volume 6,Issue 5, (part-1) May 2016. Impact factor 5.169

14. I.Kullayamma and Dr. P. Sathyanarayana “A Joint Encryption and Digital Image Watermarking System using WBC Transform in Tele radiology”, International Journal of Latest Trends in Engineering and Technology (IJLTET) ISSN: 2278-627X (on line), ISSN: 2319-3778 (print), Volume 7 Issue 1- May 2016. Impact factor 4.490
15. I.Kullayamma and Dr. P. Sathyanarayana “Digital image watermarking based on gradient Direction quantization and denoising Using different techniques”, *i-manager’s Journal on Pattern Recognition*, Vol. 3 | No. 1 | March - May 2016. Impact factor 3.399
16. M. Althaf Baig and I.Kullayamma “Phase based Binarization with Gaussian summation model for Ancient Documents “International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) ISSN : 2278-8875(online) , ISSN: 2320-3765 (print) , Volume 5 , Issue 2, February 2016. Impact factor: 5.016
17. I.Kullayamma and B.Ramadevi “Dual Tree Complex Wave Transform using Bootstrap Method for Noise Reduction” International Journal of Innovative Technologies (IJITECH) ISSN : 2321-8665 , Volume 4 , Issue 09, July 2016. Impact factor:4.1075
18. I.Kullayamma and V.Sravya Rao “Planning and Optimization of HSPA RF Network in BSNL Service Area” International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE) ISSN : 2320-9801(online) , ISSN: 2320-9798 (print) , Volume 4 , Issue 10, October 2016. Impact factor:6.577
19. I.Kullayamma and D. Meghaswi “Approaches to Avoid Routing Disruptions with BGP in Autonomous System” International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE) ISSN : 2320-9801(online) , ISSN: 2320-9798 (print) , Volume 4 , Issue 10, October 2016. Impact factor:6.577
20. P.Nishitha and I.Kullayamma “A Grand Challenge for Assessment and Comparison of Anatomical Landmark Exposure Techniques for Craniofacial X- Ray Images” International Journal of Scientific Engineering and Technology Research (IJSETR) ISSN : 2319-8885 , Volume 5 , Issue 50, December 2016 Impact factor.:3.59

2017

21. I.Kullayamma and Sai Gururaju Goud G “Scenarios in Migration of Networks from IPV4 to IPV6”, International Journal of Latest Trends in Engineering and Technology (IJLTET) ISSN: 2278-627X (on line), ISSN: 2319-3778 (print), Volume 8 Issue 1- January 2017. Impact factor:4.490
22. I.Kullayamma and D. Meghaswi “Confederation of Autonomous System to Reduce the Looping Problem” International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE) ISSN : 2320-9801(online) , ISSN: 2320-9798 (print) , Volume 5 , Issue 1, January 2017. Impact factor:6.577

2018

23. K.Sindhuri,T.Siva Kumar, Dr.I.Kullayamma “VIDEO PROCESSING AND COMPUTATIONAL COMPLEXITY OPTIMIZATION OF H.264 IN AVIONIC SYSTEMS” in International Journal of Research and Analytical Reviews (IJRAR), volume 5,Issue 4,October 2018, E-ISSN:2348-1269.
24. Dr.I.Kullayamma,D.Harish, “Effective ICI Extenuation for MIMO-OFDM Systems Based on Iterative Equalization in Time Varying Channels Using SUI Channel Model” in INTERNATIONAL JOURNAL OF RESEARCH, ISSN 2236-6124,Volume 7,Issue XII ,December 2018.

2019

25. Kullayamma I and P.Sreenivasula Reddy “A Theoretical Framwork for Characterizing Downlink Performance of Millimeter-Wave Networks for Highway Vehicular Communication” , International Journal of Engineering and Advanced Technology (IJEAT) ISSN 2249-8958,Volume 9,Issue 1 ,October 2019.
26. Kullayamma I and Vamsidhar SS “ Rotation Identification and Correction using CNN”, International Journal of Electronics Engineering,ISSN: 0973 – 7383, Volume 11,Issue: 2,PP 366 – 371 ,June – December 2019 UGC Approved Journal No.2946
27. Dr. I.Kullayamma and Byna Niranjana,” Image Fusion using Spatial Frequency Discrete Wavelet Transform and Type 2 Fuzzy Logic”, International Journal of Engineering Research and Technology (IJERT) ISSN 2278-0181,Volume 8,Issue 11, November 2019.

2020

28. Dr.I.Kullayamma and Shaik Tayyaba “MLSE Equalizer based MIMO-UFMC Data Transmission System “ Solid State Technology ISSN No. 0038-111X SST Journal Volume 63, Issue 6 , December 2020
29. Dr.I.Kullayamma and Y.Venkata Haritha “Stress detection using smart-watch Automated machine learning approach “ Solid State Technology ISSN No. 0038-111X SST Journal Volume 63, Issue 6 , December 2020
30. Dr.I.Kullayamma and N.Janaki “A Novel Rgression Architecture for underwater Image Enhancement “ Solid State Technology ISSN No. 0038-111X SST Journal Volume 63, Issue 6 , December 2020