

List of Author Publications

International Journals

- [1] H.C. Vijaylakshmi, S. PatilKulkarni, A Novel Skin Segmentation Algorithm in Modified RGB Space through Wavelet Processing, IJAC, Recent Science Publications, 2015, Volume48, Issue 2, pp 1655-165. Impact factor 0.421.
- [2] H.C. Vijaylakshmi, S. PatilKulkarni, Face Detection Algorithm for Skintone Images using Robust Feature Extraction in HSV Colour Space, IJCA Special Issue on Recent Trends in Pattern Recognition and Image Analysis, RTPRIA 2013 pp 27-32. Impact factor 0.421.
- [3] H.C. Vijaylakshmi, S. PatilKulkarni, Vanishing Moments of a Wavelet System and Feature Set in Face Detection Problem for Colour Images, International Journal of Computer Applications (0975 – 8887) Volume 66, No.16, March 2013, pp 36-42. *Impact Factor* (2016)=3.1524.
- [4] H.C. Vijaylakshmi, S. PatilKulkarni, Face Detection in Skin-Toned Images Through Wavelet Edges and Neural Network, International Journal of Computer and Electrical Engineering, Vol. 4, No. 5, October 2012, pp. 697-700. Impact Factor: 1.570.
- [5] H.C. Vijaylakshmi, S. PatilKulkarni, Face Detection in Skin-toned Images Using Edge Detection and Feature Extraction Using R and G Channels through Wavelet Approximation, International Journal of Computer Theory and Engineering, Vol. 5, No.1, February 2013, pp. 56-59.
- [6] H.C. Vijaylakshmi, S. PatilKulkarni, Segmentation Algorithm for Multiple Face Detection in Colour Images With Skin Tone Regions Using Colour Spaces and Edge Detection Techniques, International Journal of Computer Theory and Engineering, Vol. 2, No. 4, August, 2010, pp. 552-558.
- [7] H C VijayLakshmi, PatilKulkarni S, Face Detection For Skintone Images Using Wavelet and Texture Features, TECHNIA – International Journal of Computing Science and Communication Technologies, Vol. 3, No. 2, Jan. 2011, pp. 646-650. Impact factor 0.876.
- [8] Santhosh H P and Vijaylakshmi H C Modem Aggregated Functions Invocation by Layer-4 Intelligence, Paripex Indian Journal of Research, Vol 4, Issue 8 August 2015.

- [9] H C VijayLakshmi, Huda Mirza Saifuddin, Prediction of Diabetic Retinopathy Using Multi Layer Perceptron, International Journal of Advanced Research, Volume 4, Issue 6,2016, pp. 658-664. *Impact factor* of 6.118.

International Conference

- [1] H.C. Vijaylakshmi, S. PatilKulkarni, Face Localization and Detection Algorithm for Colour Images Using Wavelet Approximations, Proc. of the IEEE International Conference ACVIT-09, 16th – 19th December 2009, Aurangabad, India pp 305-311.
- [2] H.C. Vijaylakshmi, S. PatilKulkarni, Segmentation Algorithm for Multiple Face Detection for Colour Images with Skin Tone Regions, Proc. of the IEEE International Conference ICSAP 2010, Bangalore, February 9th -10th 2010, pp 162-166.
- [3] H.C. Vijaylakshmi, S. PatilKulkarni, Face Detection and Localization in Skin Toned Colour Images Using Wavelet and Edge Detection Techniques, Proc. of the International Conference Advances in Recent Technologies and Computing, ARTCom,2010, pp 231-234.
- [4] H C VijayLakshmi, PatilKulkarni S, Face Detection for SkinToned Images Using Signature Functions, Proc. of the First International Conference On Advances in Computing and Communication(ACC 2011) Springer, Vol. 192, pp3, 342-348.
- [5] H C VijayLakshmi, PatilKulkarni S, Illumination Compensation to Segment True Skin and Non-skin Regions For Skin Tone Images, Proc. of Computational Intelligence and Information Technology. Communications in Computer and Information Science, 2011, Springer Vol 250, Part 2, 494-499.
- [6] Chitra K V and H C VijayLakshmi, Unified Functionl and Performance Frame Work - A Case Study of Cache : Using SystemC TLM Nonblocking Interfaces, National Design and Verification Conferenece nd Exhibition – DVCon India 2017.

National Conference

- [1] H.C. Vijaylakshmi, S. PatilKulkarni, A Computationally Efficient Face Detection Algorithm Using Wavelet Approximations, Proc. of the National Conference on Computational Intelligence, Vision 2009, 1st April 2009, at Tirunelveli.
- [2] H.C. Vijaylakshmi, S. PatilKulkarni, Challenges in Skin-Tone Detection for Colour Images, Proc. of the National Conference on Pattern Recognition and Image Processing, 24th-25th August 2009 Mandya.

