NATIONAL JOURNALS PUBLICATIONS

1995

[1]**Manthalkar RR**, Sontakke TR, **Gajre SS**, "PC based ECG Interpreter", Journal of Biomedical Engineering Society of India, vol. 15, pp. 19, 1995. [N-J]

[2]**Gajre S.S**., Singh U, Saxena R.K., Anand S, "Noninvasive diagnosis of knee osteoarthritis using surface electromyographical signal and artificial neural network," Selected for special issue of *IETE Journal of Research on 'Biomedical Signal and Image Processing'*, in press.

1999

[3]**Y. V. Joshi,** " Design of FIR Filter design by using Adjustable window functions- A Review", New Vision- A research Journal of SRTMU, Nanded, 1 (2), 1999, pp. 29-36

2000

[4]S. G. Hirlekar, **R. S. Holambe** and T. K. Basu, "Phase recovery from bispectrum", *IETE Journal of Research,* vol. 46, N0. 3, pp. 139-145, May-June 2000.

2001

[5] **D.D.Doye**, T.R.Sontakke and Smita Nagtode, "The Nonlinear Time Alignment Model for Speech Recognition System," IETE Journal of Research, Vol. 47(6), Nov-Dec. 2001, pp. 271-275 2001

2002

[6]**U. V. Kulkarni**, and K. K. Bhoyar, "Devanagari Handwritten Digits Recognition using Weighted Neighborhood Self-Organizing Map," *IETE Journal of Research,* India*,* Vol. 48, No. 06, pp. 431-436, 2002.

[7] **U.V.Kulkarni** and T. R. Sontakke, "Fuzzy hypersphere neural network classifier," *Journal of the Institution of Engineers,* India, Vol. 85, pp. 23-28, May 2004.

[8] **Doye Dharmpal** and Trimbak Sontakke, "Speech Recognition using Modular General Fuzzy Min-Max Neural Networks," IETE Journal of Research, Vol. 48(2), Mar-April. 2002, pp. 99-103.

NATIONAL JOURNALS PUBLICATIONS

[9] Saxena S C., Vinod Kumar, **Waghmare L.M.**, "Neural network approach for the cascade control of interconnected system*", Journal of Research of Institution of Electronics and Telecommunication Engineering (IETE)* in Vol.48 No.6, pp. 461-469, Nov. Dec. 2002. (Recipient of K.S. Krishnan Memorial National Award)

2006

[10] V. R. Ghorpade, **Y. V. Joshi, R. R. Manthalkar** (2006). "Trust Evaluation in Mobile Ad Hoc Networks", The Journal of The Computer Society of India, Vol 36 No 4, Oct-Dec. 2006

[11] **Nandedkar A. V**., Biswas P. K.," Object Recognition Using Reflex Fuzzy Min-Max Neural Network with Floating Neurons," Lecture Notes in Computer Science-Computer Vision, Graphics and Image Processing, Volume 4338/2006, pp. 597-609, 2006.

2008

[12] S.A. Pardeshi and **S.N. Talbar**, "Face Recognition Using Local Invariant Features", Journal of Computational Intelligence in Bioinf, ISSN: 0973-385X, Vol.1, No.1, pp.73-81 2008.

2009

[13] V. R. Ratnaparkhe, **R. R. Manthalkar**, **Y. V. Joshi**, " Texture Characterisation of CT images based on Ridgelet Transform", ICGST-GVIP Journal, ISSN 1687-398X, Vol. 8, Issue V, January 2009, pp 43-50

[14] Pankaj Lande, **S.N.Talbar** , G.M. Shinde, "FPGA Implementation of Image Adaptive Watermarking Using Human Visual Model", ICGST-PDCS Journal, Vol.9, Issue 1, pp.17-21, October 2008

2010

[15] Metkar S. P. and **S. N. Talbar**, "Motion Detection and Projection Based BlockMotion Estimation Using the Radon Transform for Video Coding" Journal of Computer Science 6(9):979-986, (ISSN 1549-3636), 2010

[16] Anant M. Bagade and **S.N.Talbar**, "Image Morphing Concept for Secure Transmission of Image Data Contents over Internet", Journal of Computer Science, 6(9) pp.979-984, (ISSN-1549-3636), 2010.

NATIONAL JOURNALS PUBLICATIONS

2013

[17] Rajesh Pandurang Borole, **Sanjiv Vedu Bonde**, "Patch-Based Inpainting for Object Removal and Region Filling in Images," Journal of Intelligent Systems. Volume 22, Issue 3, pp 335-350, July 2013.

2015

[18] S. S. Salunkhe, **Y. V. Joshi** and A. Deshpande, "Fuzzy Similarity measures as a basis for selection of examiners", Journal of Fuzzy set valued Analysis 2015 No. 4 (2015) 1-14.

2016

[19] Jagtap, Jayant, and **Manesh Kokare**. "Human age classification using facial skin aging features and artificial neural network." *Cognitive Systems Research* 40 (2016): 116-128.

[20] Santosh Kumar Vipparthi, Subrahmanyam Murala, **Anil Balaji Gonde**, "QM Jonathan Wu Local directional mask maximum edge patterns for image retrieval and face recognition Publication" date 2016/4/1 Journal IET Computer Vision Volume 10 Issue 3 Pages 182-192

[21] Archana Sable**, S. N. Talbar**, "A Novel Illumination invariant Face recognition method based on PCA and WPD using YCbCr color space", Elsevier Journal Procedia Computer Science, Vol .92, pp-181-187, 2016

[22] S. A. Itkar and **U. V. Kulkarni**, "An Efficient and Optimized Frequent Pattern Mining using Novel MultiPath-Graph Structure," International Journal of Data Mining, Modeling and Management, Inderscience Publication.

[23] Swati Shinde and **Uday Kulkarni**, "Extracting classification rules from modified fuzzy-min max neural network for data with mixed attributes," Applied Soft Computing, Science Direct, Elsevier Publication, 40 (2016) 364–378.

[24] Borole, R. P. & **Bonde, S. V**., "Image Restoration using Prioritized Exemplar Inpainting with Automatic Patch Optimization," Journal of The Institution of Engineers (India): Series B Electrical, Electronics & Telecommunication and Computer Engineering, ISSN 2250-2106, Volume 98, Number 3, June 2017, pp. 311-319.