# Publications

## Journal Papers:

1. Manesh Kokare, P.K. Biswas, and B.N. Chatterji, "Texture image retrieval using new rotated complex wavelet filters," IEEE Trans. Systems, Man, and Cybernetics- Part B. Vol.35, No.6, pp. 1168-1178, Dec 2005. (Impact Factor 3.007)

2. Manesh Kokare, P.K. Biswas, and B.N. Chatterji, "Rotation invariant texture image retrieval using rotated complex wavelet filters," IEEE Trans. on System, Man and Cybernetics Part-B., Vol. 36(6), pp.1273-1282, Dec 2006. (Impact Factor 3.007)

3. Manesh Kokare, P.K. Biswas, and B.N. Chatterji, "Cosine-modulated wavelet packet based texture features for content based image retrieval," IETE Journal of Research, Vol. 51, No.6, pp. 477-483, Nov-Dec 2005. (Impact Factor 0.2)

4. Manesh Kokare, P.K. Biswas, and B.N. Chatterji , "Texture image retrieval using rotated wavelet," Pattern Recognition Letter, Vol. 28, pp.1240-1249, May 2007. (Impact Factor 1.7)

5. Manesh Kokare, B.N. Chatterji and P.K. Biswas, "Cosine-modulated wavelet based texture features for content based image retrieval," Pattern Recognition Letter, Vol. 25 (4), pp. 391-398, March 2004. (Impact Factor 1.7)

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7. Sushma Kejgir and Manesh Kokare, "Optimization of Bit Plane Combination for Efficient Digital Image Watermarking," International Journal of Computer Science and Information Security, Vol. 4, Aug 2009. (Impact Factor 0.123)

8. Lenina Birgale and Manesh Kokare, "A Survey on Iris Recognition", ICFAI University Journal of Electrical and Electronics Engineering, Vol.2, No. 4, pp. 7-26, October 2009.

9. M. S. Shiradhonkar and Manesh Kokare, "Document Image Retrieval: An Overview," International Journal of Computer Applications, 1(7), pp. 128-133, Feb 2010.

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11. M. S. Shirdhonkar and Manesh Kokare, "Discrimination between printed and handwritten text in document", International Journal of Computer Application (Special Issue on Recent Trends in Image Processing and Pattern Recognition), pp. 131-134, 2010.

12. Lenina Birgale and Manesh Kokare, "Iris Recognition Without Iris Normalisation," Journal of Computer Science ,vol.6,issue 9, pp. 1042-47, ,2010.

13. S D Bharkad and Manesh Kokare, "Sine Transform Based Finger Print Matching," International journal of Power, Control, Signal and Computation (IJPCSC), Vol.II, 2010.

14. M. S. Shirdhonkar and Manesh Kokare, "Off-Line Handwritten Signature Retrieval using Curvelet Transforms," IJCSI International Journal of Computer Science Issues, Vol. 8, Issue 8, 2010.

15. M. S. Shirdhonkar and Manesh Kokare, "Off-Line Handwritten Signature Identification Using Rotated Complex Wavelet Filters," IJCSI International Journal of Computer Science Issues, Vol. 8, Issue 1, pp. 478-482, January 2011.

16. Sangita D. Bharkad, and Manesh Kokare,"Performance Evaluation of Distance Metrics: Application to Fingerprint Recognition," International Journal of Pattern Recognition and Artificial Intelligence (IJPRAI), 25 (6): pp.777-806, 2011.

17. Sangita D. Bharkad and Manesh Kokare," Hartley Transform Based Fingerprint Matching," Journal of Information Processing, 8 (1): pp.85-100, March 2012.

18. Sangita D. Bharkad and Manesh Kokare, " Rotated Wavelet Filters Based Fingerprint Recognition," Accepted for publications in International Journal of Pattern Recognition and Artificial Intelligence (IJPRAI), 26(3), May 2012.

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24. Pushpa B. Patil and Manesh Kokare, "Composite Relevance Feedback for Texture Image Retrieval," International Journal of Computer Science and Engineering, vol.7, no.1, pp. 1188-1194, 2013.

25. Pushpa B. Patil and Manesh Kokare, " Efficient Texture Image Retrieval using Prims Algorithm with K-degree Nearest Neighbor Graph," International Journal of Imaging and Robotics, vol.13, no.2, pp.12-24, 2014.

26. Pushpa B. Patil and Manesh Kokare, " Image Retrieval with Relevance Feedback using kMeans Clustering," Communicated to International Journal of Computer Vision, (Springer journal).

## Conference Papers:

1. Manesh Kokare, P.K. Biswas, and B.N. Chatterji, "Rotation invariant texture features using rotated complex wavelet for content based image retrieval ," Proc. of IEEE International Conference on Image Processing (ICIP) 2004, pp. 393-396, 24th– 27th Oct 2004, Singapore.

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4. B.N. Chatterji, Manesh Kokare, A. Adhipathi Reddy, Rajib Kumar Jha, "Wavelets for content based image retrieval and digital watermarking for multimedia application," Proc. Fourth International Conference on Information, Communications & Signal Processing -Fourth IEEE Pacific-Rim Conference On Multimedia (ICICS-PCM 2003), pp. 812-816, 15th-18th December 2003, Singapore.

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6. Manesh Kokare, B.N. Chatterji and P.K. Biswas, "Wavelet transform based texture features for content based image retrieval," Proc. 9th National Conference on Communications (NCC 2003), pp. 443-447, 31st Jan- 2nd Feb 2003, Chennai (INDIA).

7. Manesh Kokare, B.N. Chatterji, and P.K. Biswas, "M -band wavelet based texture features for content-based image retrieval," in Proc. of Indian Conference on Vision, Graphics and Image Processing (ICVGIP 2002), pp.173-178, Dec 2002, Ahemadabad (INDIA).

8. Manesh Kokare, B.N. Chatterji and P.K. Biswas, "Dimensionality reduction of tree structured wavelet transform texture features for content based image retrieval," in Proc. Seventh International Conference on Control, Automation, Robotics and Vision (ICARCV 2002), Vol.3, pp. 1647-1652, 2nd-5th Dec 2002, Singapore.

9. Mahagaonkar Renuka, Manesh Kokare, D. D. Doye, "Optimization of Weight Factors ($\alpha$) for Binary Image Data Hiding," in Proc. Of National Conference on Electrical Engineering (NCEED), Vishakhapatnam, June 2005.

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11. Swati Kamthekar, D. D. Doye, M. B. Kokare, "Sports Summarization Methods," Technical Symposium, Government College of Engineering, Aurangabad, pp. 174-176, January 23-24, 2006.

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14. Manesh Kokare, "CT image retrieval using M-Band wavelet transform," National conference on Emerging Trends in Signal Processing and Communication ETSPC , pp. 411- 415, Dec 27-29, 2007, MAE Alandi, Pune, India.

15. Manesh Kokare, " CT image retrieval using Tree Structured Cosine Modulated Wavelet Transform," Proc. IEEE- International Conference on Digital Image Processing, pp.159-162, 7-9 March 2009, Bangkok, Tahiland.

16. Lenina Birgale and Manesh Kokare, "Iris Recognition Using Discrete Wavelet Transform", Proc. IEEE-

International Conference on Digital Image Processing, pp.147-141, 7-9 March 2009, Bangkok, Tahiland.

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by Thinning Method", Proc. IEEE- International Conference on Digital Image Processing, pp.284-287, 7-9 March 2009, Bangkok, Tahiland.

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20. M.S.Shirdhonkar and Manesh Kokare, "Off-Line Handwritten Signature Identification
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23. S. G. Kejgir, M. R. Banswakar, and Manesh Kokare, "Robust Digital Image watermarking Using M-band Wavelet transform and Subband Threshold computing", Int. Conference on Advances in Computing, pp.371-374, 21 Feb.2008.

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## Book Chapters:

1. Sangita Bharkad and Manesh Kokare "Fingerprint Identification: Ideas, Influences, and Trends of the New Age," Pattern Recognition , Machine Intelligence, and Biometrics, Edited by Patrick S P Wang, Springer Publications, Chapter 17, pp. 411-439, 2011.
2. Lenina Birgale and Manesh Kokare "Recent Trends in Iris Recognition," Pattern Recognition , Machine Intelligence, and Biometrics, Edited by Patrick S P Wang, Springer Publications, Chapter 29, pp. 785-793, 2011.