

BIO-DATA

Personal Details:

- Name : **DR. SHIVASHANKAR S.**
- Date of Birth : 11-06-1975
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Educational Details:

Degree	Institution, University & period	Aggregate (%)
Ph.D.* Computer Science	Gulbarga University, Gulbarga. (Oct 2003 to Jan 2007)	Awarded-2007
Post Graduation : Master of Computer Application	Gulbarga University, Gulbarga. (June 1997 to May 2000)	76.13
Under Graduation : Bachelor of Science (Physics, Mathematics and Computer Science)	Sharanabasaveshwara College of Science, Gulbarga University, Gulbarga. (June 1994 to May 1997)	60.00

- * Ph. D. degree awarded for the thesis entitled “**A study on Texture Analysis of Digital Images using Wavelets**” under the guidance of *Dr. P. S. Hiremath, Professor, Department of Computer Science, Gulbarga University, Gulbarga.*

Awards/Fellowships:

- ❖ Gold Medal for securing highest marks in project work carried out during M.C.A.
- ❖ University Research fellowship to pursue Ph.D. program in Computer Science from October – 2003 to October – 2006.

Work Experience:

1. Working as a **Assistant Professor** in the Department of Computer Science (BCA & B.Sc. (CS)), Karnatak Science College, Dharwad since August 2008 to till date.
2. Worked as a **senior software engineer** in KTwo Technology solutions, Bangalore, from July 2007 to July 2008.
3. Worked as a **lecturer** in the Department of Computer Science, Veerashaiva College, Bellary, from July 2001 to Aug 2003.
4. Worked as a **developer** at RAS Infotech, Hyderabad from June 2000 to Nov 2000.

Orientation/Refresher Course:

1. Participated in Special Summer School (equivalent to one Orientation/Refresher) programme from 30-10-2008 to 23-10-2008 and obtained 'A' Grade, UGC Academic Staff College, Karnatak University, Dharwad.
2. Participated in the Refresher Course in Computer Science from January 19 to February 8, 2011 and obtained 'A' Grade, UGC – Academic Staff College, University of Hyderabad, Hyderabad.

Research Project:

Received grants of Rs. 90,000/- from UGC for the conduct of Minor Research Project on “**Dimensionality reduction in wavelet based co-occurrence histogram features for texture classification with an application to Image Retrieval**” for the period of 18 months (Completed Successfully) MRP(S)-213/08-09/KAKA056/UGC-SWRO

Journal Publications:

1. “PCA plus LDA on wavelet co-occurrence histogram features for texture classification”, *International Journal of Machine Intelligence(IJMI)*, Volume 3, Issue 4, 2011, pp-302-306.
2. “Web based customer review spam detection using conceptual level similarity measure and shingling technique”, *International Journal of Innovative Research in Science and Techniques*. 1(2), July-December 2010, pp 61-69.
3. “Cluster analysis of customer reviews extracted from web pages “. *International Journal of Applied Computer Science and Mathematics*, no. 9 (4),2010, 56-62.
4. “Quality assessment of customer reviews extracted from web pages: A review clustering approach”. *International Journal of Computer and Information Science and Engineering* Vol. 2 No.3, 2010,600-606.
5. “Web based Quality Assessment of Customer Reviews based on Quartile Measure ”. *International Journal of Recent Trends in Engineering*, Vol. 1, No.1, May-2009, pp. 194-199.
6. “Wavelet based co-occurrence histogram features for texture classification with an application to script identification in a document image”, *Pattern Recognition Letter*, Vol. 29, Issue 9, 1 July 2008, pp 1182-1189.
7. “Wavelet based features for texture classification”, *ICGST International Journal on Graphics, Vision and Image Processing*, Vol. 6, Issue 3, December 2006, pp. 55-58.
8. “Texture Classification using Wavelet Packet Decomposition”, *ICGST International Journal on Graphics, Vision and Image Processing*, Vol. 6, Issue 2, September 2006, pp. 77-80.

9. "Wavelet based features for color texture classification with application to CBIR", **International Journal of Computer Science and Network Security**, Vol. 6, Issue. 9, September 2006, pp.124-133.

Conference Publications:

1. "PCA plus LDA on wavelet co-occurrence histogram features: Application to CBIR", **Multi-disciplinary International Workshop on Artificial Intelligence (5th MIWAI-2011)**, university of Hyderabad, India, 7th – 9th December 2011(Springer LNAI).
2. "PCA plus LDA on wavelet co-occurrence histogram features for texture classification", **3rd International Conference on Cognition and Recognition-2011(ICCR-2011)**, Department of studies in Computer Science, University of Mysore, Mysore, Karnataka, India, 9th and 10th December 2011.
3. "Conceptual level Similarity Measure based Review Spam Detection", **International Conference on Signal and Image Processing 2010(ICSIP 2010)**, RMD Engineering College, Chennai, Tamil Nadu, 15-17th December 2010.
4. "Writer identification in a handwritten document image using texture features", **International Conference on Signal and Image Processing 2010(ICSIP 2010)**, RMD Engineering College, Chennai, Tamil Nadu, 15-17th December 2010.
5. "Spam detection of Customer Reviews from Web Pages", **2nd International conference on IT & Business Intelligence (ITBI-2010)**, Nagpur, 12-14 November 2010.
6. "Script identification in a handwritten document image using texture features", **In Proc. IEEE 2nd International Advance Computing Conference (IACC 2010)**, Patiala, 19-20, February. pp. 110–114.
7. "Web Mining for Online Store Selection: A review Based Approach", Proceedings of the **International Seminar on IT in Academics(ITA 2009)**", Organized by Sinhagad Institute of Management , Pune, Maharashtra, India, 19th Feb – 21st Feb 2009,pp 184-188.
8. "Automated Teller Mobile", Proceedings of the **International Seminar on IT in Academics(ITA 2009)**", Organized by Sinhagad Institute of Management , Pune, Maharashtra, India, 19th Feb – 21st Feb 2009.
9. "Wavelet features for texture classification and their use in script identification", **Proceedings of International Conference on Advanced Pattern recognition**, Indian Statistical Institute, Calcutta, India, 2nd -4th Jan 2007, World Scientific Publisher, pp. 419-422.
10. "Wavelet features from image and its complement for texture classification", Proceedings of the **IEEE International Conference on Signal and Image**

Processing(ICSIP-06), BVBCET, Hubli, India, 7th – 9th Dec 2006, Macmillan India(2006), pp 939-942.

11. “Texture classification based on the wavelet decomposed image”, Proceedings of the **IET International Conference VIE 2006 Visual Information Engineering**, Bangalore, India, 26th-28th Sep 2006, IET London (2006), pp. 522-525.
12. “On a texture classification using wavelet decomposition”, Proceedings of the **International Conference on Cognition and Recognition**, COGREC-05, University of Mysore, Mysore, Karnataka, India, 22nd-23rd Dec 2005, Allied Publisher (2005) , pp. 214-218.