



**DR.VEERABHADRAPPA**, M.Sc., Ph.D  
Associate Professor in Computer Science  
University College, Mangalore – 575 001  
Karnataka, India, Ph: 0824-2424760  
Cell: 9449258192  
E-mail: veerabadrappa@yahoo.com

Dr. Veerabhadrappe has obtained M.Sc. and Ph.D degrees in Computer Science from the University of Mysore, India, respectively in the years 1989 and 2011. Currently he is working as Associate Professor and Head of the Department of Computer Science and IQAC (Internal Quality Assurance Cell) Coordinator of University College, Mangalore, Karnataka. He has authored 16 peer-reviewed papers in journals and conferences. He is the reviewer of the **Elsevier Journal of Neuro Computing and International Journal of Computer Applications (IJCA)**. He has delivered many lectures at various workshops, seminars and conferences.

He is the member of various academic bodies of several universities and autonomous colleges. His area of research are dimensionality reduction, face/object recognition and symbolic data analysis.

### **Publications:**

#### **Journal Publications**

1. Veerabhadrappe, Lalitha Rangarajan, “Diagonal and Secondary Diagonal Locality Preserving projection for object recognition”, **Journal of Neurocomputing (Elsevier)**, Vol.73, No. (16-18), 3328-3333, 2010.
2. Veerabhadrappe, Lalitha Rangarajan, “Diagonal Locality Preserving projection as dimensionality reduction technique with application to face recognition”, **International Journal of Computer Applications(IJCA) Special Issue on Recent Trends in Image Processing and Pattern Recognition, RTIPPR(3):5**, 135-140, August 2010.
3. Veerabhadrappe, Lalitha Rangarajan, “Bi-level dimensionality reduction methods using feature selection and feature extraction”. **International Journal of Computer Applications (IJCA)**, Vol.4, No.2, 33-38, July 2010.
4. Veerabhadrappe, Lalitha Rangarajan, “Multi-level dimensionality reduction methods using feature selection and feature extraction”. **International Journal of Artificial Intelligence and Applications (IJAIA)**, Vol.1 No.4, 54-68, October 2010.
5. Veerabhadrappe, Lalitha Rangarajan, B.H.Shekar, “(2D)<sup>2</sup>LPP: A new dimensionality reduction technique with application to face/object representation and recognition” **International Journal of Systemic, Cybernetics and Informatics (IJSCI)**, 17-22, April 2009.

6. Lalitha Rangarajan, Veerabhadrappe, "Dimensionality reduction through transformation of features into line segments", **International Journal of Recent Trends in Engineering and Technology (IJRTET)**, ACEEE, Vol. 4, No. 2, 91-95, November 2010.
7. Veerabhadrappe, Lalitha Rangarajan Novel Dimensionality Reduction Method for Symbolic Data using Coefficient of Variation, **International Journal of Computer Systems (IJCS)**- ISSN: 2394-1065, Volume 02– Issue 12, pp-530-536, December, 2015.
8. Veerabhadrappe, Lalitha Rangarajan Fusion of Feature Selection with Symbolic Approach for Dimensionality Reduction, **International Journal of Computer Systems (IJCS)**-ISSN: 2394-1065, Volume 03– Issue 03, pp: 267-270, March, 2016.
9. Veerabhadrappe, Dimensionality Reduction by Cascading Mutual Correlation with Symbolic Approach, **International Journal of Computer Applications (IJCA)**-ISSN: 0975 – 8887, Volume 140 – No.7, pp: 5-8, April 2016.

### Conference Proceedings:

10. Veerabhadrappe, Lalitha Rangarajan, "Two Level Dimensionality Reduction for Multilevel Dimensional Data", **International Conference on Advanced Computing and Communication (ICACC07)**, Madhurai, Tamilnadu, pp No: 450-453, 2007.
11. Veerabhadrappe, Lalitha Rangarajan, B.H.Shekar, "Alternate 2DLPP: A new dimensionality reduction technique for clustering", **National Conference on Recent Trends in Information and Communication Technology (RTICT2008)**, Sathyamangalam Tamilnadu, pp: 240-244, 2008.
12. Veerabhadrappe, Lalitha Rangarajan, B.H.Shekar, "(2D)<sup>2</sup>LPP: A new dimensionality reduction technique", **International Conference on Cognition and Recognition (ICCR 08)**, Mysore, Karnataka, pp: 443-448, 2008.
13. Veerabhadrappe, Lalitha Rangarajan, B.H.Shekar, "Diagonal two dimensional Locality Preserving Projection for Clustering", **International Conference on Open Source Computing (INCOSC 08)**, Mangalore, Karnataka, pp: 162-167, 2008.
14. Veerabhadrappe, Lalitha Rangarajan, "Diagonal Locality Preserving Projection for face recognition", **National Seminar on Recent Trends in Image Processing and Pattern Recognition (RTIPPR 2010)**, Bidar, Karnataka, Page No: 60-64, 2010.
15. Chennamma.H.R, Lalitha Rangarajan, Veerabhadrappe, Face Identification from Manipulated Facial Images using SIFT, **Third International Conference on Emerging Trends in Engineering and Technology (ICETET 2010)**, Goa, pp: No: 192-195, 2010.
16. Veerabhadrappe, Lalitha Rangarajan, "Dimensionality Reduction based on Feature Quality Measure", **First International ACM Conference on Intelligent Interactive Technologies and Multimedia (IITM 2010)**, pp: 35-38, Allahabad, 2010.

### Seminars and Conferences Attended:

- Organized one day workshop on "**Syllabus discussion of II B.Sc(Computer Science) for Computer Science Teachers**" at University College Mangalore on 10-10-1998.
- Attended one day workshop on "**Revision of B.Sc (Computer Science) and Vocational Course (Computer Application) Syllabus**" at St.Agnes College, Mangalore on 05/10/2000.
- Attended the Orientation course on **Theoretical Aspects of Computer Science** for College/University Teachers from South Asia held at **The Institute of Mathematical**

**Sciences, Chennai** organized by **International Institute of Software Technology, Macau**,” from 15-10-2001 to 09-11-2001

- Attended **National Conference on Document Analysis and Recognition (NCDAR 2003)** held at PES College of Engg, Mandya from 11-07-2003 to 12-07-2003.
- Attended **International Conference on Cognition and Recognition (ICCR 05)** held at PES College of Engg, Mandya from 22-12-2005 to 23-12-2005.
- Attended **One day workshop on Advances in Image Processing**” held at NIE College, Mysore on 18-05-2006.
- Attended **International Symposium on Cognition and Recognition Technologies (ISCRT06)** held at PES School of Engg, Bangalore from 29-12-2006 to 30-12-2006.
- Attended **International conference on Signal and Image Processing (ICSIP- 2009)** held at Vidya Vikas Institute of Engineering & Technology, Mysore from 12-08-2009 to 14-08-2009.
- Attended **One day workshop on “Intellectual Property Rights”** held at Centre for Information Science & Technology (CIST), Manasagangothri, Mysore on 25-03-2011.
- Attended the 4<sup>th</sup> conference of Karnataka Science and Technology Academy held at Mangalore University campus on 28-01-2012 and 29-01-2012.

### **Membership in Academic Organizations (BOS, BOE, Academic Council etc)**

- Chairman, **BOE** in Computer Science (UG) in the year 2005, 2012.
- Member, Faculty of Science and Technology, Mangalore University in the year 2014-16.
- Member of **BOE** in Computer Science (UG) Mangalore University in the year 2002-2003,2004-06,2006-09,2016-2019, 2019-2022.
- Member of **BOS** and **BOAE** in Computer Science (UG) Mangalore University from the year 2004-06, 2006-09, 2016-2019, 2019-2022.
- Member of **BOE** in Computer Science (UG) Mysore University in the year 2008-09, 2011-12, 2014-15, 2019
- Member of **BOS** in Communication and Information Technology course for Distance Education of Hampi University, Hampi from the year 2007-2010 and 2010-13.
- Member of **BOE** in Computer Science, Kannur University, Kerala in the year 2002-03 to 2005-06.
- Member of **BOS** in Computer Science (B.Sc) St.Aloysius College Mangalore (Autonomous College) for the year 2007-10 and 2013-15, 2015-2017, 2017-2019.
- Member of **BOS** in Computer Applications (B.A/B.Com) Roshani Nilaya, Mangalore (Autonomous College) for the year 2007-10.
- Member of **BOS** in Computer Applications (BCA) St.Agnes College, Mangalore (Autonomous College) for the year 2013-15, 2015-2017, 2017-2019.