



KARNATAKA STATE OPEN UNIVERSITY

Mukthagangothri: Mysuru 570 006

Name: DR.RASHMI B.S.
Designation: Assistant Professor and Chairperson
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1. Education:

- Pursuing Ph.D Computer Science and Technology under the supervision of Prof. Nagendraswamy H S, Professor, Department of Studies in Computer Science, University of Mysore, Manasagangothri, Mysore.
- MPhil Computer Science (2007) from Mother Teresa Women's University, Kodaikanal.
- MSc (Information Technology) (2004-2006) from Karnataka State Open University of Mysore.
- Additional : K-SET Computer Science and Application (2011) from Karnataka State Eligibility Test (K-SET)

2. Professional Experience:

- Dec 2012 onwards – Serving as Assistant Professor, Department of Information Technology, Mukthagangothri, Mysore.
- June 2006 to Dec 2012 – Served as Assistant Professor, Department of Computer Science, Teresian Degree College, Siddarthanagar, Mysore

3. Professional Recognition

- Guided several MSc IT project works.
- Involved in Skill Development Teaching for both UG and PG.

4. Research Recognition

- Published papers in International Journals, National and International Conference Proceedings
- Presented papers in National and International Conferences, Symposiums and Workshops.
- Rapporteur for Daily conference Newsletter at Sustainable Rural Development through Governmental Programmes- Vision and Action , Department of Studies and Research in Economics, KSOU, Mysore.

5. Academic/ Membership in Professional bodies

- Served as a member of Board of Examiners and Board of Studies (PG) Karnataka State Open University.

6. Areas of Interest:

6.1 Academic Interest

Computer Organization , Microprocessor, Data structure and Algorithms, Data Base Management Systems, Data Warehousing and Data Mining, Symbolic Data Analysis, Pattern Recognition, Image Processing and Fuzzy theory.

6.2 Research Interest:

Image and Video Processing, Pattern Recognition, Computer Vision, Fuzzy theory, Data mining, Symbolic data analysis Machine Learning, Artificial Intelligence, Data Science, Data Analysis

Complete Bio Data : Refer Word file



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Dr.Rashmi B S

Workshops/Symposiums/Conferences/Orientation and Refresher Courses Attended.

01. Orientation / Refresher Course / Research Methodology Course Attended

Sl. No.	Name of the Course	Place	Duration
1.	103 rd UGC Sponsored Orientation Programme for Teachers	UGC Academic Staff College, Mysore	18.2.2014 to 17.3.2014
2.	One Day Faculty Development Program on "3-R of Research: Research Researchers and Researching"	Department of Electronics and Communication Engineering, Vidya Vikas Institute of Engineering and Technology, Mysore	25 th July 2014

02. Workshops Attended

Sl. No	Particulars	Place	Duration	Sponsoring Agency
1.	One Day State Level Workshop on "Digital Image Processing using MATLAB"	Post Graduate Department of Computer Science	28 th March 2013	JSS College of Arts, Commerce and Science, Mysore
2.	Two Day's Workshop on "Self Learning Material Development"	KSOU, Mysore.	7-10-2013 To 8-10-2013	KSOU, Mysore.
3.	Three Day National Level Workshop on "Mathematics behind Machine Learning"	Dept. of Information Science & Engineering	21st to 23rd August 2014	Sri Jayachamarajendra College of Engineering, Mysore.
4.	Two Days workshop on "Capacity Building for Sakala Implementing Officers"	Administrative Training Institute Mysore	17-02-20014 to 18-02-2014	Government of Karnataka
5.	One Day Workshop on "Accelerating Gross Enrolment Ratio in Education-issues and challenges"	Karnataka State Open University, Mysore.	May 14 th 2015	Dept. of Higher Education, Bangalore.

6.	One Day Workshop on "Intel HPC Code Modernization Workshop 2015"	DoS in Computer Science, University of Mysore, Mysore	7th July 2015	High Performance Computing Centre
7.	Three days National Level Workshop on Big Data Hadoop	DoS in Computer Science, University of Mysore, Mysore	29th to 31st October 2015	High Performance Computing Centre
8.	Workshop on implementing ICT Initiatives	Dept.of Higher Education	16th and 17th July 2015	Karnataka Higher Education Council, Bangalore
9.	Four Day Workshop on Linear Algebra for Electrical Sciences	Dept. of Electronics and Communication,	26 th to 29 th Feb 2016	Sri Jayachamarajendra College of Engineering, Mysore.
10.	One Day Workshop on "Theoretical Aspects of Fuzzy C-means Clustering"	Department of Studies in Computer Science	11 th February 2017	University of Mysore, Mysore.

List of Publications

i) Books

Sl. No.	Title with page nos.	Book Title, editor and publisher	Year of Publication	ISBN No.	No. of authors
1	Shot-Based Keyframe Extraction Using Bitwise-XOR Dissimilarity Approach; 305-316	Recent Trends in Image Processing and Pattern Recognition. RTIP2R 2016. Communications in Computer and Information Science; Santosh K., Hangarge M., Bevilacqua V., Negi A.; Springer, Singapore	2017	ISBN 978-981-10-4859-3	2

ii) Research Papers in Peer Reviewed Journals

Sl. No.	Title of the Paper	Name of the Journal	Volume, issue & page nos.	Year of Publication
1.	Role Of Gram Panchayat Libraries In Promotion Of Rural Development Programs	International Journal Of Multidisciplinary Educational Research	VOLUME 6, ISSUE 7(11),	JULY 2017
2.	Effective Video Shot Boundary Detection and Keyframe Selection using Soft Computing Techniques	International Journal of Computer Vision and Image Processing	Volume 8 Issue 2, April 2018 Pages 27-48	April 2018

iii) Research Papers presented in Peer Reviewed Conferences Journals

Sl. No.	Title of the lecture/ paper presented	Title of Seminar / Conference, etc.	Date with year	Organized by	International (abroad or within country) / National/ State / University
1	Abrupt shot detection in video using weighted edge information	International Conference on Informatics and Analytics	Aug 25 -26 2016,	Dept. of Computer Science and Engineering, Pondicherry Engineering, Pondicherry.	International
2	Entropy Based Feature Selection for Lacunarity Analysis of Position Specific Motif Matrices of Promoter Sequences	International Conference on Informatics and Analytics	Aug 25-26 2016,	Dept. of Computer Science and Engineering, Pondicherry Engineering, Pondicherry.	International
3.	Video shot boundary detection using midrange local binary pattern	2016 International Conference on Advances in Computing, Communications and Informatics (ICACCI)	Sept 21-24 2016	The LNM Institute of Information Technology, Jaipur Rajasthan	International