Smt.Bhavya D.N BE.,MTech.,(PhD).

Assistant professor
Dept of Computer Science
Karnataka State Open University
Mukthagangothri Mysuru-570006
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EDUCATION:

(PhD):[Computer Science]: pursuing
Mysore University Mysore, India
Topic: Fusion strategies for multimodal Biometric system

BE:[Computer Science]
VisvesvarayaTechnologicalUniversity,Belagavikarnataka, India

MTech:[Computer Science]
VisvesvarayaTechnologicalUniversity,Belagavikarnataka, India

KSET:[Computer Science]
Qualified in Karnataka state Eligibility test accredited by UGC.

FIELD OF RESEARCH:

o Biometrics, Pattern Recognition and Machine learning.

Professional Experience.

o May. 2013 to till date – Assistant Professor, Dept. of Studies in Computer Science, Karnataka State Open University, Mysore.

o 2012 to 2013 – Lecturer (Temporary), Dept. of Studies in Computer Science, Karnataka State Open University, Mysore.

o 2010 to 2011 Part time lecturer,Dept. of Studies in Computer Science, Govt. engineering college K.R.pet

o 2008 to 2010 Govt. Diploma CollegeK.R.Pet, Computer science Department Part time lecturer.

Academic / Membership in Professional bodies.

o Served as a BOS Member in Computer Science, Information Technology in Karnataka State Open University Mysore, Mysore.

o Working as a BOE Chairman and served as a BOS Member, Board of Examiners (PG) and Board of Examiners (UG) in Computer Science, Information Technology in Karnataka State Open University Mysore, Mysore.

Areas of interest.

- Academic interest Computer Architecture, Computer Networks, Computer Graphics, Internet Technologies, DBMS, programming concepts using C and Image Processing.

Research Interest.

- Object recognition, Feature extraction, retrieval, Image segmentation, Character recognition, Document image analysis, Text classification.
- Multimodal biometric system, Pattern Recognition, Computer Vision and Machine Learning.

Workshops/ Symposiums / Conferences /Orientation and Refresher courses attended.

- Participated in **Three day's Faculty Development Programme** in the subject **Computer Science** from 16th to 18th February 2012 at Karnataka State Open University, Mysore in collaboration with Vision Group on Science & Technology, *Government of Karnataka,* Bangalore-560 001 and Infosys, Mysore. Karnataka, India.

- Two days Workshop on "**Self Learning Material Development**" held from October 7th -8th 2013 at Karnataka State Open University, Mysore. Karnataka, India.
- Participated 102nd Orientation Programme on 28-12-2013 to 24-01-2014 at UGC Academic Staff College University of Mysore. India

- Three days National level workshop on **"Mathematics behind Machine Learning**" from August 21-23rd 2014 at Sri Jayachamarajendra College of Engineering, Mysore.Karnataka, India.

- One day National conference on **"Human Rights-A National and positive Edict"** has been organizing committee member held on 3rd Feb 2015 at Karnataka State Open University, Mysore.Karnataka, India.

- One day National conference Accelerating Gross enrollment ratio in education-issues and challenges at KSOU 14th May 2015.

- 103rd Indian sciencecongress held atuniversity of university,Manasagangotri, Mysore on 3rd-7th January 2016.

- Two day National Conference on "Emerging Trends in Computer Science and Technology" held at St. Philomena's College(Autonomous) Mysore on February 17-18,2016 organized by the Department of Computer Science

- o Workshop on "Statistics and probability" on October 15-16th,2016at Maharaja Institute of Technology, Mysuru.

- o Faculty development programmeon "computational Linear Algebra on 7th-11th December 2016 at Sri Jayachamarajendra College of Engineering, Mysore.Karnataka, India.

- o One day Workshop on Latex at Department of computer Science university of Mysore on 11-03-2017

- o Three day Faculty development programme on Network simulator-2 held from 17th-19th August 2017, organized by the Department of computer science and engineering, Vidyavardaka college of Engineering, Mysuru,karnataka, India.

- o Participated Refresher Course on 01-03-2018 to 21-03-2018 at UGC Academic Staff College University of Mysore. India

LIST OF PUBLICATIONS:

BOOKS:

1. II/BA/B.Com, of KSOU, Mysore. **FCA** (Fundamentals of Computer Application) one Block written and published by Registrar KSOU, Mysore. 2014.

2. DCA-Diploma in Computer Application- **INTERNET&WEBDESIGN** -Two units and published by Registrar KSOU, Mysore. 2014.

3. PGDCA-Post Graduate Diploma in Computer Application First Semester - **PROGRAMMING IN "C"**- Two units and published by Registrar KSOU, Mysore. 2014.

4. PGDCA-Post Graduate Diploma in Computer Application First Semester – **Operating System**- Two units and published by Registrar KSOU.

PAPERS PUBLISHED:

1. **Segmentation of Tri-Lingual Documents**, International Journals of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Vol. 7, issue 2, pp. 103-111, February 2017.

2. **Textural Features In Script Identification For Printed Bilingual Documents,**International Journal of Computer Engineering and Applications, (IJCEA),Volume XII, Issue I, pp. 264-281, Jan. 18,