

Dr. D.M. Mahesha MCA, PhD.

Assistant professor

Dept of Computer Science
Karnataka State Open university
Mukthagangothri Mysuru-570006
mahesha.dm@ka.gov.in

+919901249102 /0821-2500071

EDUCATION:

PhD: [Computer Science]

PRIST University Thanjavur, Tamilnadu, India

Topic: Classification and Retrieval of Tri-Lingual Scripts

MCA: [Computer Science]

Bangalore University, Bangalore, Karnataka, India

KSET: [Computer Science]

Qualified in Karnataka state Eligibility test (2015) accredited by UGC, which is mandatory for any faculty position in Universities.

FIELD OF RESEARCH:

- Text recognition in image processing.

Professional Experience.

- May. 2013 to till date – Assistant Professor, Dept. of Studies in Computer Science, Karnataka State Open University, Mysore.
- 2011 to 2013 – Lecturer (Temporary), Dept. of Studies in Computer Science, Karnataka State Open University, Mysore.
- 2004-2005- Lecturer (Temporary), University of Mysore.

Professional Recognition.

- Identified as a Special Officer for Examination at Karnataka state Open University Mysore.
- Identified as a Nodal Officer for Website and E-Governance Govt of Karnataka at Karnataka state Open University Mysore.

Research Recognition

- Have been identified as an Editorial Board Member of IJAIA Journal (International Journal of Artificial Intelligence & Applications)

Academic / Membership in Professional bodies.

- Life member of Indian Science congress (ISCA). (Membership No: L-25208)
- Served as a Chairman and 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 Analysis and Design of Algorithms, Data structures, Data Base Management Systems, Software Engineering, Visual technologies, Artificial intelligence, Image Processing. Software Testing.

Research Interest.

- Object recognition, Feature extraction, retrieval, Image segmentation, Character recognition, Document image analysis, Text classification.

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

- One-day National Conference on "**Information Literacy and Higher Education in Digital Environment**" held on March 30th 2011 at KSOU, Mysore.
- Two days' Workshop on "**Development of Self Learning Material**" on June 2nd and 3rd 2011 at KSOU, Mysore.
- Three days International Conference on "**Open and Distance Learning in Global Environment- Issues and Challenges**" from September 21-23rd 2011 at KSOU, Mysore.
- 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.
- One-day National Level workshop on "**Modern Trends in research Methodology**" Organized by the SBRR Mahajana college Mysore.
- 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

- Science and technology for **Education and Healthcare** organized by JSS College and KSTA&JSS 21-2-14 to 22-2-14. Ooty Road Mysore. Karnataka, 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 Workshop on **"Technology In Higher Education"** Organized by University of Mysore, Mysore in association with Karnataka Jnana Aayoga (Karnataka Knowledge Commission), Govt. of Karnataka. Held on February 7th 2015 at Senate Bhavan, Manasagangothri, University of Mysore, and Mysore. Karnataka, India.
- One-day National Conference Accelerating Gross enrollment ratio in education-issues and challenges at KSOU 14th May 2015.
- 103rd Indian science congress held at university of university, Manasagangothri, 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
- One week TEQIP Sponsored workshop on Digital Image Processing Basics to Recent Trends on 13th-17th June 2016 at Sri Jayachamarajendra College of Engineering, Mysore. Karnataka, India.
- 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.
- Participated Refresher Course on 01-03-2018 to 21-03-2018 at UGC Academic Staff College University of Mysore. India.
- Participated in 5-Day Online Faculty Development Programme on **"Data Visualization using Tableau"** conducted by the Department of Computer Applications during **8-12 June 2020**. DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE Bangalore.
- Participated in the online 5 days' online faculty development programme on Artificial intelligence on Data science, from **10th June 2020 to 14th June 2020**, Organized by Department of Information technology, Oriental Institute of Science and Technology, Bhopal.

- Participated in the online AICTE recognized faculty development programme on **Applications on IOT** 16-06-2020 to 20-06-2020 at Computer Science and Engineering Department NITTTR, Chandigarh.
- Participated **State Level WEBINAR on "ICT Initiatives in ODL System"** held on 11/07/2020, organized by ICT Cell, KARNATAKA STATE OPEN UNIVERSITY, MYSURU.
- participated in the Five Day Faculty Development Programme on **"Research Trends and Challenges in Computer Science"** held at Vidyavardhaka College of Engineering, Mysuru from **13-07-2020** to **17-07-2020** organized by the Department of Computer Science & Engineering
- Participated One-day workshop on **"Choice based credit system"** on 5-11-2020, organized by Karnataka state Open University Mysore.
- Participated in Seven days' state level faculty development program on **"Research trends in physical sciences"** Organized by NIE first grade college Mysuru from 15-01-2021 to 22-01-2021.

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**- one units and published by Registrar KSOU, Mysore.

PAPERS PUBLISHED:

1. **K-means Clustering for Document Analysis in Indian Bilingual Documents**, International Journals of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Vol. 5, issue 12, pp. 639-643, December 2015.
2. **an approach for script identification in printed trilingual documents using textural features**, International Journal of Artificial Intelligence and Applications (IJAIA), Vol. 7, No. 5, pp. 31-49, September 2016.

- 3. K-D Indexing in Printed Trilingual Documents**, International Journals of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Vol. 7, issue 1, pp. 165-172, December 2017.
- 4. 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.
- 5. 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,