

# Faculty Profile

**Name:** Sangamesh M. Magi

**Designation:** Head & Assistant Professor

**Department:** Department of Computer Applications

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**Vidwan ID:** 148462

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**Qualification:**

Examination	College/Institute	University	Year	Specialization
Ph.d, (Pursuing)	Dept. Of MCA GIT, Belagavi	VTU, Belagavi, Karnataka State, India.	2023	Deep Learning
MCA	Bangalore Institute of Technologies, Bangalore.	VTU, Belagavi, Karnataka State, India.	2006	Computer Applications
BCA	Basaveshwar Science College, Bagalkot	KUD, Dharwad, Karnataka State, India.	2003	Computer Applications

## Professional Experience

Total Experience: 21.8 Years

Teaching Experience: 20 Years

Industry Experience: 1.8 Years

## Administrative Responsibilities

- Head Dept. Of MCA
- IIC Member
- College Level Grievence Cell Member
- Software Development Cell Coordinator
- CO Attainment Software Management Coordinator
- Admission Software Management Coordinator
- IQAC Coordinator, MCA Department.
- Samarth ERP Coordinator
- MCA Dept. Industry Interaction Conclave Coordinator
- Online SEE Examination MCA Coordinator
- SEE Valuation MCA Coordinator
- Proof Reading MCA Coordinator
- System Incharge MCA Department
- Students Association MCA Department
- Admission coordinator MCA Department
- BoS Member MCA Department
- BoE Member MCA Department

## Projects Guided

UG Projects: 10

PG Projects: 40

## Research Interest Area

- Artificial Intelligence
- Data Mining
- Machine Learning
- Deep Learning
- Open Source Technologies
- JAVA/J2EE, .Net, PHP

## Publications

1. Sangamesh M. Magi, Dr. Jayashri Madalgi, Dr. Lokesh B. Bhanjantri (2025) Deep Learning-Based Multi-Class Plant Disease Recognition and Classification for Diverse Crops, SN Computer Science, Springer Publications. <https://doi.org/10.1007/s42979-025-04234-4>
2. Dr. Lokesh B. Bhanjantri, Sangamesh M. Magi (2025) An IoT-Enabled Multi-Agent Framework for Real-Time Emergency Monitoring: A Context-Aware Approach, 6th International Conference on Data Science and Applications, Springer.

3. Dr. B. S. Anami, V. B. Pagi, S. M. Magi (2011) Wavelet-based acoustic analysis for determining health condition of motorized two-wheelers, Applied Acoustics, Elsevier.
4. Dr. B. S. Anami, V. B. Pagi, S. M. Magi (2011) Comparative performance analysis of three classifiers for acoustic signal-based recognition of motorcycles using time and frequency-domain features, IET Intelligent Transport Systems.
5. Sangamesh M. Magi, Mahantesh Elemmi, Vikram Shirol (2016) Classification of Peanuts Varieties and their Quality Grading, Journal of Image Processing and Artificial Intelligence.
6. Sangamesh M. Magi, Mahantesh Elemmi, Vikram Shirol (2016) Classification of Human Brain Strokes using CT Scanned Images, Journal of Image Processing and Artificial Intelligence.
7. Sangamesh M. Magi, Vikram Shirol, Deepa S. Grag (2016) Classification of Peanuts Varieties and their Quality Grading, Journal of Image Processing and Artificial Intelligence.

### **Events Organized / Resource Person**

- Resource person for workshop on 'Artificial Intelligence' at Basaveshwar Arts College, Bagalkote.
- Resource person for workshop on 'Project IDEATHON' at Department of Computer Science & Engineering, Basaveshwar Engineering College, Bagalkote.
- Resource person for workshop on 'Web Development using web 2.0' at Basaveshwar Science College, Bagalkote.
- Conducted one day workshop on "Computer Network" for BSc 6<sup>th</sup> sem students at BLDEA's TGP Science college, Jamakhandi.
- Conducted one day workshop on "JAVA/J2EE" for BCA 6<sup>th</sup> sem students at BLDEA's TGP Science college, Jamakhandi.
- HRD Trainer for DISHA-2017 organized by Zilla Panchayat Bagalkote on 19th July 2017
- National Workshop on Web Technology organized by Dept. of BCA, Basaveshwar Science College, Bagalkote
- Resource person for workshop on 'Teaching Perspective and Challenges' at SECAB College, Bijapur.

### **Conferences / Workshops / FDP Attended**

- Two weeks International Level Technical Workshop on Angular JS to develop web apps faster
- Five Days National Level Online FDP on Current Trends and Research Opportunities in IT
- 4-days Online Course on Examination Reforms organized by AICTE
- FDP on Machine Learning Based Project Architecture Design under TEQIP-III BEC, Bagalkote

- Four-Day FDP on Image Processing and Data Science, Canara Engineering College
- One week FDP on Python 3.4.3 Django organized by CMR Engineering College with IIT Bombay Spoken Tutorial
- One Week Online FDP on Emerging Trends and Applications of Artificial Intelligence, Dr. Ambedkar Institute of Technology