

## Faculty Profile Format

### 1. Basic Information

- **Name:** Mrs. SHWETA MADIWAL
- **Designation:** Assistant Professor
- **Department:** CSE
- **Email:** shwetamadiwal3@gmail.com

### 2. Academic Qualifications

- **Ph.D. (if applicable):** VTU, BELGAUM, 2016(Pursuing)
- **Postgraduate (PG) – M.Tech :** VTU, BELGAUM, 2014
- **Undergraduate (UG) – B.E:** VTU, BELGAUM, 2012

### 3. Work Experience

- **Total Academic Experience:** 9.10 YEARS

### 4. Research Interests

- Image Processing
- Artificial Intelligence
- Machine Learning

### 5. Publications, Patents & Research Contributions

- **Papers Published:**
  - **Conference Publications:**

- National: 02

1.Shweta M Madiwal, "Achieving secure, scalable and fine-grained data access control in cloud computing" Published in NCIETEM, March 2013, at AIET, Moodbidri.

2.Shweta M Madiwal, "Hand Bone Age Estimation Using Energy Based Segmentation" Published in National Conference at BKIT, Bhalki 2014.

- **Journal Publications:**

- Scopus/Web of Science Indexed: 01

1.Shweta M, Vishwanath Burkpalli, "Melanoma Stage Classification Based on Hybrid Heterogeneous Multi-Classifer Ensemble Learning", Published in International Journal of Intelligent Systems and Applications in Engineering, 2023.

<https://ijisae.org/index.php/IJISAE/article/view/3432>

- UGC Care Listed: 02

1.Shweta M Madiwal, Mahesh Prasanna, "Hand Bone Age Estimation Using Energy Based Segmentation" Published in IJCSMC, June 2014, Volume 3, and Issue 6 with ISSN-2320-088X.

2. Shweta M, Vishwanath Burkpalli, "Detection and Classification of Skin Cancer using color-based segmentation" Published in JETIR, July 2018, Volume 5, Issue 7 with ISSN-2349-5162.

- **Books/Book Chapters Published:**

- **Patents (if any): 02**

- Image Processing and Machine learning based detection of malignant skin cancer using SVM Classifier, Published in 2021.
- An Artificial intelligence-based system for detection of COVID influence on Human Skin, Published in 2021.

## **6. Teaching & Courses**

- Computer Organization & Architecture
- Big Data Analytics
- Software Engineering
- Data Base Management System
- System Software & Compiler Design
- Digital Design & Computer Organization
- Artificial Intelligence & Machine Learning

## **7. Awards & Recognitions (*If applicable*)**

- **"JAGADA KANNU 2025", From KANNADA SAHITYA PARISHATH, SOUTH ZONE, KALABURAGI, ON THE EVE OF INTERNATIONAL WOMENS DAY, 2025.**
- **Qualified KSET exam in 2021.**

## **8. Professional Memberships & Collaborations (*If applicable*)**

- **Member: IETE , ISTE**