Faculty Profile Format

1. Basic Information

- **Name:** Mrs. LAXMIBAI R B

- **Designation:** Assistant Professor

- **Department:** Electronics & Communication Engineering

- **Email:** laxmi.r1990@gmail.com

2. Academic Qualifications

- **Ph.D. (if applicable):** Sharnbasva University, Kalaburagi , Pursuing.

- **Post graduate (PG) – M.Tech :** VTU, Belgaum , 2014.

- **Under graduate (UG) – B.Tech :** VTU, Belgaum, 2012.

3. Work Experience

- **Total Academic Experience:** 9.9 Years

- **Industry Experience:** -

4. Research Interests

- Image Processing

- Atrificial Intelligence

- Deep Learning

5. Publications, Patents & Research Contributions

- **Citation Metrics:**

  - h-index: -

  - i10-index: -

  - Total Citations: -

- **Papers Published:**

  - **Conference Publications:**

    - National: 01

    - International: 01

  - **Journal Publications:**

    - Scopus/Web of Science Indexed: -

    - UGC Care Listed: 01

    - Other: 01

- **Books/Book Chapters Published:** -

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

  - Artificial Intelligence Based Smart Detection of Lung Disease from Chest X-rays Images, Patent number 202131011450, 2021.

  - A Novel Machine Learning and Deep Learning Approach to Predict Liver Cirrhosis, Patent number 202441010338, 2024

- **Grants Received:** -

- **Ph.D. Guidance:** -

6. Teaching & Courses *(Mention subjects taught)*

- Digital System Design

- Verilog HDL

- Basic Electronics

- Control Systems

- Microcontroller

- Electronic Instrumentation

- Power Electronics

- IOT and It's Applications

- Image Processing

7. Awards & Recognitions *(If applicable)*

- Awarded as the "**Best Paper Presenter**" for the paper entitled for First IEEE International Conference on Integration Intelligence and Communication Systems(ICIICS - 2023), Organized by Sharnbasva University, Kalaburagi, November 2023.

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

- **Member:**

- IEEE - 99018030

- IETE – 502243

- ISTE - 134880

9. Additional Information *(If applicable – Links to profiles, IDs, etc.)*

- **Google Scholar:**
  https://scholar.google.com/citations?view_op=list_works&hl=en&user=GuuEnC0AAAAJ

- **ORCID ID:** https://orcid.org/0009-0004-5291-3220

- **ResearchGate:** -

- **LinkedIn:** -