

## Faculty Profile Format

### 1. Basic Information

- **Name:** Dr. Sangeeta Patil
- **Designation:** Assistant Professor
- **Department:** ECE
- **Email:** sangeeta2246@gmail.com

### 2. Academic Qualifications

- **Ph.D. (if applicable):** [VTU, 2024]
- **Postgraduate (PG) – M.Tech :** [VTU(PDACE), 2014]
- **Undergraduate (UG) – B.E. :** [VTU, 2012]

### 3. Work Experience

- **Total Academic Experience:** [10.8]
- **Industry Experience:** [NO]

### 4. Research Interests

- [Image processing]
- [Biomedical image processing]
- [Communication]

### 5. Publications, Patents & Research Contributions

- **Citation Metrics:**
  - h-index:
  - i10-index:
  - Total Citations: 06
- **Papers Published:**
  - **Conference Publications:**
    - International: [02]
  - **Journal Publications:**
    - Scopus: [05]
    - UGC Care Listed: [01]
- **Books/Book Chapters Published:** [00]
- **Patents (if any):**[01]

- [Artificial intelligence based smart detection of lung disease from chest X-rays images]with patent number 202131011450],[09/04/2021]
- **Grants Received:***(Total Amount: [Currency and Amount])*
  - [Project Title], [Funding Agency], [Amount], [Duration]
- **Ph.D. Guidance:**
  - Ongoing: [Number]
  - Completed: [Number]

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

- Analog and digital communication
- Antenna theory
- Information theory and coding
- Network analysis
- Digital image processing
- Digital Signal Processing
- Advanced digital communication
- Basic electronics
- Signal and systems
- Microcontroller
- Microprocessor

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

- [Award Name], [Awarding Institution], [Year]
- [Recognition/Grant], [Awarding Institution], [Year]

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

- **Member:** [IETE, ISTE, IAENG]
- **Collaborator:** [Research Institute/Industry Name]

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

- **Google Scholar:** [URL]
- **ORCID ID:** [ORCID Number]
- **ResearchGate:** [URL]
- **LinkedIn:** [URL]