

# Faculty Profile Format

## 1. Basic Information

- **Name:** Dr. Sujata K
- **Designation:** Associate Professor
- **Department:** Electronics & Communication Engineering
- **Email:** sujata.kamlapurkar@gmail.com

## 2. Academic Qualifications

- **Ph.D. (if applicable):** VTU, Kalaburagi (2021)
- **Postgraduate (PG) – M.Tech / M.E.:** VTU, Kalaburagi (2010)
- **Undergraduate (UG) – B.Tech / B.E.:** VTU, Kalaburagi (2008)

## 3. Work Experience

- **Total Academic Experience:** 14.8 years
- **Industry Experience:** -

## 4. Research Interests

- Communication Systems
- VLSI Circuits
- Digital Electronics

## 5. Publications, Patents & Research Contributions

- **Citation Metrics:**
  - h-index: 04
  - i10-index: -
  - Total Citations: 39
- **Papers Published:**
  - **Conference Publications:**
    - National:
    - International: 03
  - **Journal Publications:**
    - Scopus/Web of Science Indexed: 17
    - UGC Care Listed: 04
    - Other: [04]

- **Books/Book Chapters Published:** 01

“R F Suputtered , Gold Nanoparticles based Giga Hertz Epoxy Layer Novel Patch Antenna with Defected Gound Structure” - Recent Developments in Computing, Electronics & Mechanical Sciences Published by ANVI Books & Publishers, Delhi, June 2020

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

- 1) System of Fuzzy Controller for Real-Time adjustment of Visual Sensor. [Granted,
- 2) Method of Face Recognition using Combined Hidden Markov Model (SMM) and Singular Value Decomposition (SVD).

- **Grants Received:**(Total Amount: [Currency and Amount])

- [Project Title], [Funding Agency], [Amount], [Duration]

- **Ph.D. Guidance:**

- Ongoing: 03
- Completed: -Nil

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

### **Under Graduate**

1. Digital Signal System
2. Network Analysis
3. Signals & Systems
4. Microcontroller (8051)
5. Microprocessor (8085,8086)
6. Power Electronics
7. Basic Electronics
8. Electronics Circuits & Logic Design
9. Introduction to Digital Communication
10. VLSI circuits

### **Post Graduate**

1. Advanced Digital Communication.
2. Wireless & Mobile Networks
3. Advanced Communication Networks
4. Advanced Digital Signal Processing
5. Error Control Coding

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

- **Best Assistant Professor in Electronics award given by Karnataka Excellence Awards 2021,**

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

- **Member:**

- ISTE Life time membership
- IEEE Senior member

- IETE Life time membership
- IAENG (International Association of Engineers)
- **Collaborator:** [Research Institute/Industry Name]

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

- **Google Scholar:**  
[https://scholar.google.com/citations?view\\_op=list\\_works&hl=en&hl=en&user=-mFstnYAAAAJ](https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=-mFstnYAAAAJ)
- **ORCID ID:** [ORCID Number]
- **ResearchGate:** [URL]
- **LinkedIn:** [URL]