<div align="center">**Faculty Profile Format**</div>

**1. Basic Information**

- **Name:** Mrs. Pushpa Patil

- **Designation:** Assistant Professor

- **Department:** Electronics and Communication Engineering

- **Email:** pushpaningond@gmail.com

**2. Academic Qualifications**

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

- **Postgraduate (PG) – M.Tech : VTU, 2018**

- **Undergraduate (UG) – B.E.: VTU, 2012**

**3. Work Experience**

- **Total Academic Experience:** 12.2 yEARS

- **Industry Experience:** ---

**4. Research Interests**

- IOT

- POWER ELECTRONICS

- IMAGE PROCESSING

**5. Publications, Patents & Research Contributions**

- **Citation Metrics:**

  o h-index: --

  o i10-index: --

  o Total Citations: --

- **Papers Published:**

  o **Conference Publications:**

    ▪ National: --

    ▪ International: 01

  o **Journal Publications:**

    ▪ Scopus/Web of Science Indexed: --

    ▪ UGC Care Listed: --

    ▪ Other: --

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

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

  - Patent on " Natural language processing based patent medical conditions assessment system" with patent number 202141013638 Published on 02/04/2021.
  - Patent on "A Novel Machine Learning and Deep Learning Approach to Predict Liver Cirrhosis." With patent number 202441010338 published on 08/03/2024.

- **Grants Received:** Nil

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

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

- Microcontroller

- Network Analysis

- DSP Algorithms & Architecture

- Introduction to Electronics Engineering

- Digital Switching System

- Information Theory & Coding

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

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

- **Member:** IETE, ISTE

## 9. Additional Information *(If applicable)*