

Faculty Profile Format

1. Basic Information

- **Name:** Mrs. Ashwini
- **Designation:** Assistant Professor
- **Department:** Electrical and Electronics Engineering
- **University/Institution:** Sharnbasva University
- **Email:** ashwiniyenegur@gmail.com
- **Phone (if applicable):** 8147588863

2. Academic Qualifications

- **Ph.D. (if applicable):** Sharnbasva University, Pursuing
- **M.Tech / M.E.:** Visvesaraya Technological University, 2014
- **B.Tech / B.E.:** Visvesaraya Technological University, 2012

3. Research Interests

- Electrical Vehicles
- AI for Control Systems
- Renewable energy integration

4. Publications & Patents (*Optional: Highlight Top 3-5 Publications*)

- **Selected Publications: (Include DOI/Link if possible)**
- Presented paper titled "Modeling and simulation of BLDC Motor for Electric Tractor Application" in the AICTE sponsored IEEE International Conference on Networks, Multimedia and Information Technology organized by Nitte Meenakshi Institute of Engineering and Technology, Bangalore and published in IEEE Explorer. DOI: 10.1109/NMITCON58196.2023.10276267
- Presented paper titled "A survey on BLDC motor Drive Control in Electrical Vehicles" in International Conference on Multidisciplinary Research"-2022 Organized by Sharnbasva University, Kalaburagi.
- Published Paper Titled "An Algorithm for Fault Node Recovery for Wireless sensor Network" in International Journal of Research in Engineering and Technology in 2014.
- Presented paper titled "An algorithm for fault node recovery of wireless sensor network" in National Conference on Recent Innovations in Engineering & Technology-2014 organized by REC Bhalki.
- **Patents (if any):** ---

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

- Electrical Machines
- Basic Electrical Engineering
- Power Generation and Economics
- Renewable Energy sources
- High Voltage Engineering
- Switchgear and Protection
- Power system operation and Control
- Power System planning
- Universal Human Values
- Electrical Machines Laboratory
- Control systems Laboratory
- High Voltage Laboratory
- Electrical Measurements Laboratory
- Basic Electrical Laboratory

6. Awards & Recognitions (If applicable)

- Awarded as BEST TEACHER by Sharnbasva University in 2022.

7. Professional Memberships & Collaborations (If applicable)

- IETE

8. Additional Information (If applicable – Links to Google Scholar, ResearchGate, LinkedIn, etc.)

- **Google Scholar:**
<https://scholar.google.com.tw/citations?user=RFJMVl4AAAAJ&hl=en>
- **SCOPUS ID :** 58674378100
- **ORCID ID :** 0009-0003-3296-4947

9. Work Experience

- **Total Work Experience: 10.7 Years**

10. Research Contributions

- **Papers Published:**
 - **National: 1 (Conference)**
 - **International: 2 (Conference)**
 - **1 (Journal)**
- **Grants Received (Projects, etc.):**
- **Ph.D. Guidance:**
 - **Ongoing: --**
 - **Completed: --**

11. Patent Information

- Status: --
- Patent Title: --
- Year: --