

Faculty Profile Format

1. Basic Information

- **Name:** Mrs. Smita K
- **Designation:** Assistant Professor
- **Department:** Electrical and Electronics Engineering
- **University/Institution:** P D A College of Engineering, kalaburgi(VTU)
- **Email:** smitakk10@gmail.com
- **Phone (if applicable):** 9535895577

2. Academic Qualifications

- **Ph.D. (if applicable):** Sharnbasva University, Kalaburgi(Pursuing)
- **M.Tech / M.E.:** VTU, 2015
- **B.Tech / B.E.:** VTU, 2010

3. Research Interests

- **Renewable Energy.**
- **Power Electronics**

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

- Poornima, shilpa shrigiri, smita “Study of Topologies, Power Converters, and Control Techniques for the Dynamic Voltage Restorer “2023 International Conference on Integrated Intelligent Communication Systems (ICIICS) organized by Sharnbasva University

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

1. Digital system design.
2. Facts controllers
3. Industrial drives and applications.
4. Basic electrical Engineering
5. Control Systems.
6. CAED
7. Sensors and Actuators.
8. Operation and maintenance of Solar electric systems.
9. Estimation and costing.

6. Awards & Recognitions (*If applicable*)

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

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

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

- [Google Scholar]
- [LinkedIn]
- [ResearchGate]

9. Work Experience

- **Total Work Experience: 10**

10. Research Contributions

- **Papers Published:**
 - **National: NIL**
 - **International:**
- Poornima, shilpa shrigiri, smita “Study of Topologies, Power Converters, and Control Techniques for the Dynamic Voltage Restorer “2023 International Conference on Integrated Intelligent Communication Systems (ICIICS) organized by Sharnbasva University.
- Smita, Basavaraj Amarapure. “Speed Control of FSTP Inverter Fed Induction Motor Drive with a Neural Network Control”.2014 IOSR Journal of Electrical and Electronics Engineering Volume10
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- **Grants Received (Projects, etc.): [Details]**
- **Ph.D. Guidance:**
 - **Ongoing: NIL**
 - **Completed: NIL**

11. Patent Information

- **Status: NIL**
- **Patent Title: NIL**
- **Year: NIL**