



## Surabhi Patil

**Present Address:**

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**Permanent Address:**

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**Objective:**

To make a positive contribution towards the betterment of the organization by utilizing my educational skills & strength effectively that can enable me to achieve high career growth.

**Academic Qualification:**

Course	Institution	Board / University	Year of Completion	Aggregate (%)
M.Tech (I.P.S)	Rajiv Gandhi College of Engg & Research, Nagpur	RTMNU	2016	70.3
B.E. (ELEC.)	Shri Shankaracharya College Of Engineering & Tech., Bhilai (C.G)	CSVТУ	2013	70.27
12 <sup>th</sup> Board	Kendriya Vidyalaya, NTPC, Jamnipali, Korba (CG)	CBSE	2009	70
10 <sup>th</sup> Board	Kendriya Vidyalaya, NTPC, Jamnipali, Korba (CG)	CBSE	2007	75

**Experience:**

3 months of working experience as Assistant Professor (Management Regular) in Electrical Engineering Dept. at Dr. Babasaheb Ambedkar College of Engineering & Research Nagpur.

2 months of working experience as Assistant Professor (Adhoc) in Electrical Engineering Dept. at Yeshwantrao Chavan College of Engineering (YCCE), Nagpur.

4 months of working experience as Assistant Professor (Hourly basis) in Electrical Engineering Dept. at Government College of Engineering (GCoE), Nagpur.

**Computer Skills:**

Operating Systems:	Windows XP, Windows 7
Working knowledge:	Microsoft Office
Software	MATLAB

**Training & Seminars Attended:**

- Completed One-month Industrial Training from **NTPC Korba**
- Completed One-month Industrial Training from **NSPCL Kumhari, Raipur.**
- Seminar attended on “**CONSERVATION OF OIL AND NATURAL RESOURCES ORGANISED BY CREDA**” at SSCET BHILAI.
- One week short term training program on “**MICROCONTROLLER dsPIC33EP256MC202 & its application**” at **Shri Ramdeobaba College of Engineering & Management, Nagpur.**
- Attended the seminar on **MATLAB Software.**

**B.E. Academic Project : Major/Minor Project**

Project Title:	Safety of Induction Motor using temperature sensor LM35.
Duration:	10 months
Software Requirements:	Microprocessor 8086, PCB, Temperature sensor, relay, LCD, buzzer conveyor belt.
<b>Description:</b> The objective of this project is to sense the temperature of winding by using temperature Sensor which activates the relay & protect windings from damage.	

**M.Tech Project: Major Project**

Project Title:	Analysis of Selective Harmonic Elimination (SHE) in multilevel inverter.
Duration:	1 year
Software:	MATLAB
<b>Description:</b> The objective of this project is to analyze the harmonics present in multilevel inverter and selectively eliminate them.	

**Publications:**

- **Surabhi Patil**, Mrs. Sarika D. Patil and Prof. Prashant Debre, “*Comparison of PWM Techniques and Selective Harmonic Elimination for 3-Level Inverter*”, IJERA Journal, Vol.6, Issue 4, April 2016.
- Mrs. Sarika D. Patil, **Surabhi Patil**, “*Implementation of Firing Scheme for Multilevel Inverter and its Hardware Implementation*”, IJRITCC Journal, Vol. 4, Issue 5, May 2016..
- Mrs. Sarika D. Patil , **Surabhi Patil** “ *Analysis for Selective Harmonic Elimination in a Multilevel Inverter*”, National Conference on Green Power and Energy: A step towards better future , 8<sup>th</sup> and 9<sup>th</sup> of January 2016.

**Abilities:**

- My positive attitude.
- Hard working.
- Passionate, thirst to learn new things.

**Personal Skills:**

- Worked with different IC's, microprocessor and MATLAB software.

**Achievements & Extra Curricular:**

- Participated in National Level Children Science Congress in 2006.
- Participated in Robotics TECHKRITI conducted by IIT Kanpur.
- Participated in national level Dance Competition "Fandango" & got 2<sup>nd</sup> position.
- Participated in Inter College Dance Competition "JHOOM" & got 2<sup>nd</sup> position.

**Personal Profile:**

- Date of Birth : 19<sup>th</sup> of August 1991
- Gender : Female
- Father name : Shri Vivek Lande
- Mother tongue : Marathi
- Nationality : Indian
- Marital Status : Married
- Spouse Name : Dr. Chandrashekhhar K. Dakhole
- Languages : English , Hindi , Marathi
- Interest : Power System Protection, Power Electronics.

*I hereby declare that the above information's are true to best of my knowledge.*

**PLACE:** Anand, Gujarat

**DATE:**

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