Mr. Jitendra S. Dhawale
B.Sc. Physics Graduate

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❖ Objective:

To learn utilize and upgrading available knowledge for solving challenging problem in electronic for organization to the best as possible for innovating new things.

❖ Experience

Applied Optical Technologies Pvt. Ltd. (ISO 9001-2015)

Manufacturing of Fiber Optic Cables, Light Source, medical devices, SPMs.

- ♦ **Designation:** Electronic Development Engineer

- ♦ **Work Experience:** 1 Year 8 months

  (From 02-May-2018 to 02-January-2020)

- ♦ **Roles and Responsibilities:**

  a. Designing & development of microcontroller and non-microcontroller based electronic circuits compatible to illumination device as per requirement.

  b. Soldering, testing and troubleshooting of proposed electronic circuits and if required reworking of circuits.

c. Designing and testing of optical sensor-based circuit for photometric sensing application.

d. Handling testing and measuring of electronic parameter of LED light source, LED light panel wiring, earthing and safety check, lux checking, etc.

e. Attending technical purchase related to electronic material and maintaining stocks of electronic components.

❖ Education

➤ Academic Details:

- ❖ B.Sc. Physics in August-2018 with GPA of 6 out of 7 with grade A.
- ❖ H.S.C in February-2015 with aggregate of 73.84%.
- ❖ S.S.C in with March-2013 aggregate of 82.80%.

➤ Other Course Details:

- ❖ Completed Diploma course in Industrial Automation in which the basic subjects were:

  - Siemens PLC and SCADA system
  - Basic VFD based 3-Phase Servo Motor control using V-Assistant software
  - Programming in ladder logic in SIMATIC Manager
  - Making program screen using various features available in WinCC flexible and linking it with Ladder logic of PLC
  - Having Basic level knowledge of Automation License manager software.

- ❖ Completed MS-CIT course with aggregate of 91.00% in Octomber-2010.

❖ Skill and hobbies:

- Knowledge of programming ATmega and attiny13a, attiny85 controller using Arduino IDE.
- Knows the basic of PIC programming using MPLAB X IDE.
- Knowledge of basic optical and non-optical sensors working, designing and interfacing it with microcontroller.
- Basic Knowledge of programming language such as HTML, ASP.NET, Visual Basic, C++.
- Like to learn, designing and developing sensor-based electronic circuits. Also like to troubleshoot circuit at basic level and if possible, repairing it.

❖ Personal Details:

- ✓ Date of Birth: 20th April 1998
- ✓ Gender: Male
- ✓ Marital Status: Unmarried
- ✓ Language: Marathi, English, Hindi
- ✓ Nationality: Indian