

AJAY DATTATRAY NAWALE

INSTRUMENTATION & CONTROL ENGINEER

CAREER OBJECTIVES

Seeking for comprehensive responsibilities and accordingly serving the organization with almost sincerity.

CONTACT INFORMATION

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TECHNICAL SKILLS

- Knowledge of P&ID diagram.
- PLC programming.
- Temperature sensor, Flow sensor, Pressure sensor, Level sensor
- Control valve
- Transmitter, Switches, Relays, Contactor
- Pneumatic Component & circuits, Hydraulic component
- Feedback control, Cascade control, Ratio control, Feed forward control, SLPC, MLPC.

SOFTWARES KNOWN

- Delta PLC, Allen-Bradley (Micrologix 1200, Micrologix 1400)
- Arduino UNO (Basic).
- MATLAB (Basic)

INTERNSHIP & CERTIFICATES

- Participated in PLC programming Language Competition at Government Polytechnic karad
- Currently pursuing Course of PLC , HMI, SCADA, DCS.

MY EDUCATION HISTORY

DR.D.Y.PATIL COLLEGE OF ENGINEERING, AKURDI

Bachelor's Degree in Instrumentation & Control, 2020

- B.E. - 9.09 SGPA
- T.E. - 8.43 CGPA
- S.E. - 6.08 CGPA

GOVERNMENT POLYTECHNIC, KARAD.

Diploma in Instrumentation & Control Engineering

Diploma Aggregate : 71,90%

SHRI. TILAK HIGHSCHOOL, KARAD.

SSC

SSC Percentage : 71.20%

PROJECT WORK

VEHICLE MOVEMENT BASED STREET LIGHT CONTROL SYSTEM.

Diploma Final Year Project

- The main motive of this project is to save Energy.
- In this project we sense the position of vehicles on road on the basis of that the corresponding lights are on and other lights are off.

DC MOTOR CONTROL USING MATLAB AND ARDUINO INTERFACING.

TE Mini Project

- This project includes the interfacing of both Arduino & Mat lab software. Controlling of DC motor using MATLAB.

PLC BASED AUTOMATIC BOTTLE FILLING SYSTEM.

Engineering Final year Project

- This is the Automatic bottle filling using PLC which is helps to improve speed of Filling bottles.