RESUME

DAWANE SURAJ GULAB

302 omkar vihar appartment,

near chaitanya school,

Badlapur(w).Tal: Ambernath Dist: Thane.

Pin code: 421503

Contact No:8554953872,8485868527

Email: srjdawane4040@gmail.com

SYNOPSIS:

I have completed B.E in Instrumentation from Smt. Indira Gandhi College of Engineering Ghansoli at MUMBAI UNIVERSITY.

EDUCATIONAL QUALIFICATION:

Examination Passed	Year of Passing	Institute	Board/ University	Percentage/CGPI
B.E. in Instrumentation Engineering	2018	Smt.indira Gandhi college of Engg, Ghansoli	Mumbai	SECOND CLASS
H.S.C	2012	mahatma ghandi collage ambernath	Maharashtra state board of secondary and higher secondaery education	SECOND CLASS
S.S.C	2010	D.G.NIKE.SCHOOL, BADLAPUR	Maharashtra	FIRST CLASS

PROJECT DETAILS:

- **College Project :**
  Title: Air Cooler Using Peltier Plate

Description:

 The present air-conditioning system produces cooling effect by using different gases. Using these refrigerants can get maximum output but one of the major disadvantages is harmful gas emission and global warming. These problem can be overcome by using thermoelectric modules (Peltier effect) air-conditioner and there by protecting the environment.

Advantage:

 Thermoelectric cooling systems have advantages over conventional cooling devices, such as compact in size, light in weight, high reliability, no mechanical moving parts and no working fluid .

Peltier Effect : Peltier discovered that when current is made to flow through a circuit consisting of two different types of conductors, a heating or cooling effect is observed at the junctions between the two materials. This change in temperature at the junction is called the Peltier effect

Technical Knowledge At PROLIFIC Automation & System Pvt Ltd:

SUPERVISORY CONTROL AND DATA ACQUISITION:

- ➤ Creating new application, Creating database of tags,Creating and editing graphic display
- ➤ Creating animation,data entry,analog entry,sizing,blinking,filling,visibility,movement.
- ➤ Creating real time and historical trends,alarms,events,communication PLC and EXCEL
- ➤ Commissioning network nodes troubleshooting the application

PROGRAMMABLE LOGIC CONTROLLERS

- ➤ **Introduction to PLC hardware,architecture of the PLC,PLC fundamentals,concept flags.**
- ➤ **addressing concepts,bit,byte,and word concept,timer,counter,advance instructions.**
- ➤ **file handling,upload,upload,download,monitoring,of programs,advance instruction.**
- ➤ **forcing I/P and O/P,procedure to follow in writing logic,documenting the project**
- ➤ **troubleshooting and fault diagnostics of PLC assignments for real time application.**

DISTRIBUTED CONTROL SYSTEM

- ➤ Introduction control system,application DCS,evolution for DCS,leading DCS system
- ➤ architecture of DCS processor,power supply,I/O module communication bus,
- ➤ reduadancy opeator and engineering station between PLC and DCS leading DCS system

INSTRUMENTATION

- ➤ **Measurement definition,static characteristics,pressure Measurement,flow Measurerement**
- ➤ **temp Measurement,all transmiiter(2,3,4 wire) process control cascade and ratio control**
- ➤ **feed forward and feedack,split range**

VARIABLE SPEED DRIVES

- ➤ **Introduce AC drives,critera of drivers,configuration of parameter,remaote and local operation**
- ➤ **commicate of parameter,communicate PLC,MMI/SCADA SOFTWARE,troubleshooting,drives industry**

HUMAN MACHINE INTERFACE

- ➤ **INTRODUCTION TO HMI, interface and networking with PLC,creating screen and tag database**
- ➤ **navigation tag database,navigation between screens.I/O and O/p display,function key,**
- ➤ **upload/download application,troubleshooting/maint.**

PERSONAL PROFILE:

- Date of Birth   : 3 aug 1994
- Marital status   : Single
- Languages Known   : English, Hindi, Marathi
- Peramanat address : badlapur

Date:

Place: