

MR.GURUBABU GIDDA

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### **OBJECTIVES:**

To work in an organization that provides a platform to apply my technical knowledge and experience as per their objectives and simultaneously grow with the firm personally and professionally

### **WORK EXPERIENCE**

**Company:** IDRIS Automation, Pune

**Designation:** project engineer

**Duration:** NOVEMBER 2016 to JUNE 2017

### **WORK DESCRIPTION**

- Determine project specifications by studying product design, customer requirements, performance standards and completing technical studies.
- Develop project objectives by reviewing project proposals and plans.
- Acquire material quotes and place orders from vendors.
- Deciding the manufacturing processes requirements as per design.
- Managing of raw material and distribution to vendors for machining activities.
- Managing manufacturing processes with vendors and suppliers.
- Design of Control Panel.
- Supervise the wiring of Control Panels.
- Confirm product performance by conducting tests on Control Panel, PLC, HMI, Pneumatic Systems and Sensors.
- Maintain project schedule by monitoring project progress, coordinating activities and resolving problems.
- Be a primary contact to assigned clients and report their needs, concerns, or requests to the Project Manager

- Maintain project database by entering and backing up data.

## **PROJECTS UNDERTAKEN:**

### **1)Client-TATA MOTORS (ERC CENTER)**

#### **Project :Robotic Testing & Measurement – Automotive Switches**

- Robotic Testing & Measurement System for Electro-Mechanical components / Automotive Switches - Measure force, torque & gripping pressure / Measure critical electrical /mechanical angles & displacements
- Combination switch - Torque Vs Angle measurement for rotary switches / knobs , Force Vs Angle measurement for angular & linear movement of lever, Force Vs Displacement measurement for push buttons on combination switch
- Master light switch - Torque Vs Angle measurement for rotary knob & Force Vs Angle measurement for up & down movement of knob
- Machine is designed to cover a large measurement area - Measurement Sensors mounted on a 6 axis robot / 6 axis robot mounted on servo actuated horizontal & vertical slides

### **2)Client- Autoline Industries**

#### **Project - Brake, Clutch Pedal Durability Testing Machine (x104)**

Designing of mechanical components in **creo modelling** software,refurbishing of the machine for component placement, Servicing and replacing of Pneumatic cylinders, Integrating the pneumatics of the machine and Integrating the control system.

## **EDUCATIONAL QUALIFICATION:**

QUALIFICATION	SCHOOL/COLLEGE	UNIVERSITY	YEAR OF PASSING	PERCANTAGE
B.E MECHANICAL	G.H raisoni college of engineering and management	Pune university	2012-2016	<b>65.55% AND aggregate 61.40%</b>
12 <sup>TH</sup> SCIENCE	NOWROSJEE WADIA COLLEGE PUNE	HSC STATE BOARD	2011-2012	<b>70%</b>
10 <sup>TH</sup>	ST JOSEPH HIGH SCHOOL PUNE	SSC STATE BOARD	2010	<b>82.55%</b>

## **TECHNICAL DETAILS:**

Software :catiaV5 R20,creo 2.0,nx 10,ansys,basic of plc

**B.E PROJECT:** Development and analysis on Variable Valve Timing (VVT) mechanism in an I.C. Engine.

Variable valve timing (VVT ) is an innovative design that enhances automotive engine performance and is important in addressing fuel consumption and emission output concerns. The purpose of the research reported here was to examine the concept of a VV T system because it had the promise of application in the advancement of engine technology.

AS our project describe about Development of continuously Variable Valve Timing (VVT) mechanism ,Increase cam phasing range from 60° to 120°,Replace hydraulically actuated mechanism by lead screw mechanism and analyse the 3-D Cad model in Ansys software.

## **EXTRA ACTIVITIES:**

- 1)Finalist in KPIT SPARKLE 2016 – Project idea selected in top 53 all over India.
- 2) Participated in “robotryst 2015” and secured 1st prize in zonal rounds held at dhole patil college of engineering. Participated in “robotryst 2015” final round held in i.i.t delhi and secured 4th honours certificate of final rounds in i.i.t delhi.
- 3) Participated in one day workshop on turbo machinery and its trends in today's environment.
- 4) Winner in CAD Mania & CAD Talk at GHRCEM
- 5) Awarded from AMUL VIDYA SHREE for good academic record in SSC.
- 6) Participated in valeo competition 2016 for project ideas international wise.

## **Personal Details:**

- Date of Birth: 15 June 1995
- Interests: Reading, playing cricket
- Languages known: English, Hindi, Marathi, Telugu
- Permanent Address: Sr no 71 Balaji Nagar Ghorpuri Gaon Pune 411001
- Marital status: Single

I hereby declare that all the above information furnished by me is true to the best of my knowledge.

**GURUBABU GURAVAI AH GIDDA**