

LIJESH .G

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**To succeed in an environment of growth and excellence and earn a job which provides me satisfaction and self development and help me to achieve organizational goal.**

Current Working Experience:

Designation : Project manager  
Concern : **Reynold Automation, Vadodara**  
Period : **july 2019 – Till Date**

**Achievements:**

**ONGC, AHMEDABAD ASSET**

**End User: ONGC, AHMEDABAD ASSET**

**Project: Water injection flow measurement system .in various fields of Ahmedabad Asset.**

**Scope of work:**

Design, Engineering, Procurement, Fabrication, Assembly, Inspection. Testing. Supply, Erection the system to measure the water flow for 6" and 4" water injection lines on headers.

**OSWAL Infrastructure Limited**

**End User: Satellite Fields Development Project, Barmer, Rajasthan.**

**Project:** Gas Burner system with gas control skid for indirect water bath heater in Satellite Fields Development Project, Barmer, Rajasthan.

**Scope of work:**

Design, Engineering, Procurement, Fabrication, Assembly, Inspection. Testing. Supply, Erection and Commissioning of 1 Sets of Gas Skid, Gas Burner- 2 Nos.

**ONGC, MEHSANA ASSET**

**End User: ONGC, MEHSANA ASSET**

**Project:** BMS/CMS & Recuperator system of Heater Treater .in various fields of Mehsana Asset.

**Scope of work:**

Design, Engineering, Procurement, Fabrication, Assembly, Inspection. Testing. Supply, Erection and

Commissioning of 25 Sets of Gas Skid ,Burner with BMS/CMS & Recuperator system of Heater Treater .in various fields of Mehsana Asset. LSTK basis.

**ONGC , (CENTARL WORKSHOP – BARODA) AHMEDABAD ASSET**

**End User: ONGC, (CENTARL WORKSHOP – BARODA) AHMEDABAD ASSET**

**Project:** BMS/CMS & Recuperator system of Heater Treater .in various fields of ( Central Workshop –Baroda) Ahmedabad Asset.

**Scope of work:**

Design, Engineering, Procurement, Fabrication, Assembly, Inspection. Testing. Supply, Erection and

Commissioning of 9 Sets of Gas Skid ,Burners with BMS/CMS & Recuperator system of Heater Treater

.in various fields of Ahmedabad Asset. on LSTK basis

**Supply of spares and services of industrial gas burners in the following industries**

In Paint curing ovens in Automobile industries: - Honda two wheeler , Tata motors, Suzuki Motors ,

M G Motors, Satyam auto.

In Hot Gas Generator: - Grasim Industries Ltd. Saint Gobin Gyproc, Supreme Industries, Rubamin Ltd.

In Textile industries for drying :- Soma textile , Bombay Rayon , Dinesh mill .

**Previous Experiences**

Designation : Senior Executive Mechanical Engineer

Concern : **Amcet Sanli Engineering Co, Vadodara**

Period : **November 2015 – june 2019**

**Achievements:**

Shrink wrap machine at **Cogent Glass Ltd** (Mahbubnagar)

Cullet Reject conveyor (160 TPD) at **Piramal Ltd** (jambusar)

Annealing lehr at **Piramal glass Ltd** (Kosamba)

Annealing lehr at **AGI glass Ltd** (Hyderabad)

Annealing lehr at **HOPEWELL TABLEWARE PRIVATE LIMITED** (Jaipur)

Cold end coating machine at **Piramal glass Ltd** (kosamba)

Electric oven at **Haldyn Heinz Fine Glass Pvt Ltd** (kosamba)

Shrink Tunnel -Gas fired at **Empire Industries Limited- Vitrum Glass**

Rubber Belt conveyor at **Piramal glass Ltd** (Jambusar)

Turn table mechanism, Combustion gas skid (Alembic glass limited)

### **Areas Interested To Work In:**

Glass & Ceramic, Blast Furnace, Heat Treatment, Kiln & Furnace, Food, Pharmaceutical & host of others.

### **Widely Known:**

➤ **Bogie Hearth Furnace, Chamber Furnace, Air Circulation Furnace, Sealed Quench Furnace (oil / salt quench), Mesh Belt Furnace, Cast link Furnace, Roller Hearth Furnace Pit Type Furnace, Rotary Hearth Furnace, Bell Furnace, Pusher Type Furnace, Walking Beam Furnace, Single end & Double end heating Furnace.**

**Annealing Lehr, shrink wrap machine, Cullet Reject rubber belt conveyor, Cold end conveyor system, Mesh belt Conveyor, Wire Mesh Conveyor.**

### **Quenching Systems:**

➤ **Fork type, Conveyor type, Elevator type.**

### **Material Handling System:**

➤ **Slat Conveyor, Tilting Table, Hydraulic/ Pneumatic pusher, Moving Trolley, Roller conveyor, Chain Conveyor, Turn table, Vibratory feeder**

### **Piping Line:**

- **Air & Gas pipe line for combustion system**
- **Compressed air pipe line utility.**
- **Quench oil pipe line**
- **Pneumatic Air Line for air cylinders.**

### **Previous Experiences**

Designation : Senior Executive , Mechanical Engineer  
Concern : **M/s. Neptune Engineering consultant, Vadodara (ELIOG INDUSTRIAL FURNACES - GERMANY)**  
Period : **November 2013 – October 2015**

### **Responsibilities**

➤ **Preparation of plant Layout For Heat treatment Line**

- **Preparing General arrangement drawings of individual equipment for heat treatment line.**
- **Preparing estimation of individual equipment and Checking the design made by draftsman and approving**
- **Preparing and checking GA details, and Fabrication drawings**
- **Preparing offers & technical description**
- **Erection & Commissioning of industrial ovens & heat treatment furnace.**

**Achievements:**

- Hot air circulating oven (Federal-Mogul)
- Temperature control unit (JK-Tyres)
- Heating unit (Jindal poly films)
- Compressed air pipeline (Hettich India Pvt. Ltd)

**Previous Experiences**

Designation : **DESIGN Engineer**

Concern : **M/s. Benco Thermal Technologies Private Limited,  
Chennai – 44.**

Period : **November 2006 – October 2013**

**Responsibilities**

- ❖ Preparation of plant layout for heat treatment plants, based on the client requirements for
  - Hardening furnace
  - Tempering furnace
  - Quench tank
  - Washing machine
  - Sealed quench furnace (both oil & salt quench), Endo generator
  - Rotary Hearth furnace
- ❖ Design of Material Handling Systems :
  - **Belt conveyor,**
  - **Bucket conveyor,**
  - **Swivel conveyor,**
  - **Hot forge conveyor,**
  - **Slat conveyor,**
  - **Roller conveyor,**
  - **Magnetic conveyor,**
  - **Charge car,**
  - **Hydraulic Pusher,**
  - **Tray Retriever,**
  - **Vibratory feeder**

- ❖ Preparing oil & gas panel pipe lines
- ❖ Prepared detailed Engineering drawings for Material Handling Systems
- ❖ Prepared detailed bill of materials
- ❖ Used **ACAD 2009** software package for the above drawings

### **Achievements:**

Sealed Quench Furnace at **Varroc Pvt Ltd** (Uttaranchal)

Rotary Hearth Furnace at **R S B Transmission Ltd** (Pune)

Pit Type Furnace at **Kalayani Thermal** (Pune)

Mesh Belt Furnace (Pre & Post Annealing of coin blanks) at **CSP Shaid Bahonar Copper Industries Co**(Iran)

Mesh Belt Furnace at **PIR – INCI AS** at (Turkey)

Roller Hearth Furnace at **Stump Schule** (Bangalore)

Bell Type Furnace at **L&T** (Coimbatore)

Bogie Hearth Furnace at **Toshiba** (Chennai)

Walking Beam Type End Heating Furnace for Heavy Spring at L&T Railways (Gwalior)

### **Previous Experiences**

Concern : **M/s. Krans Cranes (P) Limited, Chennai – 20.**

Designation : **CAD Engineer**

Period : **June 2003 – October 2006**

### **Responsibilities**

Prepared drawings based on the client requirements for

**Electrically Operated Overhead Travelling (E.O.T) cranes**

**Hand Operated Overhead Travelling (H.O.T) cranes**

**Prepared detailed Engineering drawings for EOT & HOT Cranes**

Used **ACAD R 2007** software package for the above drawings

Prepared detailed bill of materials

Involved in site supervisions

Coordinated with production department for detailed engineering

Coordinated with purchase department for purchasing of raw materials and other bought out items

## **Previous Experiences**

Designation : **Trainee Engineer**  
Concern : **M/s. Plant Engineering Service, Chennai – 98.**  
Period : **August 2002 – May 2003**

## **Responsibilities**

- ❖ Inspection of chain sprockets, timing sprockets, ratchet nut.
- ❖ Involved in Production and operation of CNC Machine.
- ❖ Involved in inward inspection, patrol inspection and final inspection.

## **ADDITIONAL SKILLS**

- ❖ Proven ability to respond quickly and accurately
  - ❖ Proven ability to work as a part of a team
  - ❖ Proven ability to work to a deadline, target and within a set budget by prioritizing work
  - ❖ Proven ability to work efficiently in a busy and demanding environment
  - ❖
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## **QUALIFICATION**

**Graduation** : **Bachelor of Engineering - B.E. Mechanical**  
**University** : **University of Madras**  
**Institution** : **S.A. Engineering College, Chennai.**  
**Passed out in April 2002 with First class**  
**Electives** : **VII Semester -1. Non-Traditional Machining Techniques**  
**2. Work Study**  
**VIII Semester-1. Modern Manufacturing System**  
**2. Marketing Management**  
**Project Title** : **Failure Investigation, Design of Bearing and Installing Automatic Forced Lubricating System in HP Reciprocating MUD Pump.**  
**Synopsis** : The main theme of the project was to determine the causes of the failure of the Mud Pump and to provide remedies for the same. The main causes for the failure were due to the lack of lubricating system. So, we have installed an automatic forced lubricating system in high pressure reciprocating pump. We also designed a suitable bearing for the mud pump. We have prevented the stoppage of the production due to the lack of lubricating system, which results the reduction of production cost & time.  
**Place of Work** : Oil and Natural Gas Corporation Ltd., (ONGC), Karaikal.  
**Implant Training** : Undergone implant training in  
**M/s.Prototype Development Training Centre. Nsic, Guindy, Chennai**

## **COMPUTER PROFICIENCY**

### **CAD / CAE / FEA Packages**

**CAD Packages** : **ACAD R 14, ACAD R 2000, ACAD R 2008, Inventor**

**CNC PART PROGRAMING : TURNING, MILLING, WIRE CUT EDM**

**PERSONAL DETAILS**

❖ Father's Name	P.Gopi
❖ Date of Birth / Age	<b>12-03-1981 / 42 Years</b>
❖ Gender	Male
❖ Marital Status	Married
❖ Passport No.	<b>E3746744</b>

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**DECLARATION**

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

**Place: Vadodara**

**Date:**

**(LIJESH.G)**