



## **SAISHWAR GHARAT**

Sai kunj taluja phase 2, District – Raigad, Pincode - 410208

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A diligent and competent individual with graduation in Mechanical Engineering from Mumbai University. Seeking to serve an organization that offers scope for self-improvement and enhancement of knowledge to strive for the betterment of the organization which provides me opportunities to reach and exhibit the best of my abilities to grow with the job and to enlarge my sphere of activity.

### **PROFESSIONAL EXPERIENCE**

**SINCE February 2021 till Date AT Aeroflex Industries Ltd,  
(NAVI MUMBAI) DESIGNATION: Jr. PRODUCTION**

#### **COMPANY PROFILE:**

- Manufacturer of Stainless Steel Corrugated Flexible Hose Pipe , Braiding , Assembly , Gas connector, Flex connector and Pipe fittings.
- Certification: - ISO 9001:2008, ISO 14001 & PED 97/23 CERTIFIED COMPANY.

#### **RESPONSIBILITIES HANDLED:**

- To look after 12 welding machines and planning of daily welding production with welders.
- Involved in shift planning, handle daily work management for workers and create awareness towards production activities, market trend, competitiveness and importance of quality.
- Plan and integrate the use of man, machine and material in an effective and economic manner to down size production time and increase productivity.
- To identify the root cause of problems and reporting to their respective departments
- Manage production activities in accordance to the quality norms.
- Monitoring daily Production report.
- Monitoring and control of non-conforming products by taking diversion decision.
- To make yield report & production report on daily basis.
- To make production plan to achieve maximum production on daily basis.
- Implementing 5s, TPM & other improvements in the departments.
- To maintain minimum stock of consumables.
- Ensuring health and safety guidelines are followed and taking required action.
- Working Knowledge ERP module 600.

## INTERNSHIPS

### COMPANY NAME:

- Raj Surgical Works And Manufacturers [Panvel] 07/2019 to 12/2019.
- Hercules Hoist Ltd [KHALAPUR] 06/2018.

## PROJECTS

### 1. Design and Development of Automatic Forging Machine; A Perspective of Industry 4.0.

- Description: The aim of the project was to develop of automatic forging machine to overcome the problems in the forging machines used in the production system across the Industry.
- Automatic Forging Machine increased productivity, reduced rejection of the final product, prevented accidents, and avoided the loss of energy.

### 2. Design and Development of Single Axis Solar Tracker.

Description: Developed single axis solar tracker to utilize the maximum energy from sun to produce electricity. It consists of various sensors which are attached to solar panel, when there is any change in position of sun the tilting of solar panel takes place automatically in such way that sun light will be perpendicular to the solar panel. Solar tracker tilts the solar panel at certain angle with respect to sun's position, because of this maximum sunlight falls on solar panel throughout the day and maximum power output is obtained from solar panel.

## MY ACHIEVEMENTS

- Mumbai University Intercollegiate project competition Avishkar 2018 and 2019 zonal level certificate.
- Bagged 1st position in PBL project exhibition 2019 'Design and Development of Single Axis Solar Tracker'
- Acquired 1st position in Solid works VAP project exhibition 2018 and also 1st position in Catia VAP project exhibition 2017.

## EDUCATIONAL QUALIFICATIONS

- B.E (Mechanical), Vishwaniketan' IMEET, Mumbai University, 2020, 70.00%.
- H.S.C, K.E.S Junior College Alibag, Maharashtra Board, 2016, 69%.
- 10th Std., K.E.S English Medium School Alibag Maharashtra State Board, 2014, 74%.

## PERSONAL INFORMATION

**Date of birth:** 14- FEBRUARY- 1999

**Languages known:** English, Hindi, Marathi.

**Gender:** Male

**Nationality:** Indian

## DECLARATION

I here by declare that the above statements are true to the best of my knowledge and belief.

**Saishwar Gharat**

Signature