

**A STUDY ON MANUFACTURING DEPARTMENT OF VINSAR  
ELASTOMERS, HOSUR.**

Report on Internship Training submitted to Periyar University, Salem

In partial fulfillment of requirement for the award of the degree of

**BACHELOR OF COMMERCE**

Submitted by

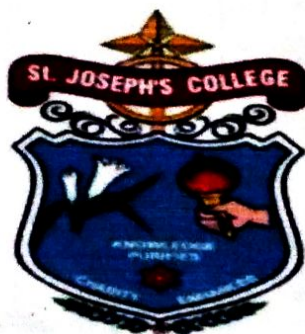
**NAME: MANJULA. V**

**REG.NO: C21UG152COM063**

Under the guidance of

**Dr. V. SENGAMALAM, M.Com., M.Phil., MBA., PhD.**

**Assistant Professor**



**DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR WOMEN**

**Affiliated to Periyar University, Salem**

**JULY - 2023**

**PERIVAR UNIVERSITY**  
**INTERNSHIP TRAINING REPORT FORMAT**

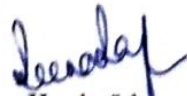
1	Name of the Candidate	MANJULA.V
2	University Examination Registration Number	C21UG152COM063
3	Name of the College	ST. Joseph's College of Arts & Science for Women, Hosur.
4	Name of the Department / Degree	Commerce B.COM
5	Name of the Industry / Institute in which For Internship Training Undergone	VINSAR ELASTOMERS
6	Guide / Supervisor under whom the training undertaken	Dr. V. SENGAMALAM
7	Title of the Training	A study on Manufacturing department of VINSAR ELASTOMERS
8	Brief output of training (not more than 2 pages) – Attach Annexure – 1	(ENCLOSED)
9	Conclusion	The internship programme assisted in gaining both the theoretical and practical knowledge
10	Outcome of the Training	The knowledge and skills acquired during the internship programme and the exposure to real-world issues can now be applied to real-life business environment.

  
Signature of the

Student


  
Signature of the

Guide

  
Head of the

Department

  
Principal

  
Internal examiner

# **A STUDY ON MANUFACTURING DEPARTMENT OF VINSAR ELASTOMERS**

## **INTRODUCTION**

Vinsar Elastomers, Hosur- a complete manufacturing facility which provides a full line of customized rubber products for general industry. This company has met the tough specifications and various requirements of military, appliance, automotive and other industrial customers with professional service in developing, engineering and manufacturing custom rubber products for nearly 28 years. They are the leading manufacturers of high-quality precision automobile rubber components such as 'O'-rings, oil seals and technically specified moulded rubber products in Natural and synthetic rubbers.

## **MANUFACTURING DDEPARTMENT**

O-Ring is made with the utmost precision by their organization's experts using excellent quality material and latest technology. The offered O-Rings are broadly demanded in the market for its quality & high durability.

## **PROCESS OF MAKING 'O'-RINGS**

### **STEP:1 EXTRUSION**

Many O-rings are made by extrusion. Extrusion is a manufacturing process in which raw material is forced through a die or series of dies. As the material goes through the die, it takes the shape of the die. For O-rings, a ring-shaped die is used.

The raw material is fed into a hopper where it's heated. After being heated, the raw material is then forced through a die or series of dies.

### **STEP: 2 PRESSURE MOLDING**

To create O-rings by using pressure Molding. It involves the use of heat and pressure to create three-dimensional objects. Then they inject preheated material, such as rubber, into a Mold cavity. The Mold cavity is then fitted with a plug on top, which is able to pressure the Mold cavity. As pressure increases inside of the Mold cavity, the preheated material takes the shape of the Mold cavity.

### **STEP: 3 INTER DIMENSION GRINDING**

Inner dimension grinding is also known as ID Grinding. Internal grinding, inside diameter grinding, inner diameter grinding, or bore grinding, is the process of removing material in a precise manner from an inside diameter of a cylindrical or conical workpiece.

### **STEP: 4 OUTER DIMENSION GRINDING**

Outer dimension is also known as OD Grinding. OD grinding is a subset of cylindrical grinding that finishes a part outside diameter. Cylindrical grinding is a process typically used at the end of a project that forms a finished surface on a cylindrical part's interior, exterior or both. With cylindrical grinding, the object and grinding wheel continually rotate with respect to each other.

### **STEP: 5 FINISHED PRODUCTS**

After the above-mentioned process undergone, the 'O'-rings are ready to sale. The 'O'-rings are sent to the major customer for the sale.

### **KNOWLEDGE GAINED FROM AN INTERNSHIP**

During my internship I learnt deep understanding of manufacturing process specified to O rings production including machining, shaping and finishing techniques.

I learnt about the different type of material used in O rings manufacturing as well as proper handle and storage procedure.

I gained knowledge in operating various type of machinery and equipment used in the production process.

I learnt quality control and inspection of O ring production.

### **CONCLUSION**

As I conclude that the purpose of this study is to make my theoretical knowledge in a practical way as many new technologies are implemented in the current world. For the up gradation of my current skill and in spite of skill what I have possessed.



# VINSAR ELASTOMERS

Mfrs : Oil Seals, 'O' Rings & all types of Rubber Moulded Components in Natural & Synthetic Rubbers

An ISO 9001 : 2008 Certified Company

# 12/A, Tiny Sector Sidco, Sanachandram, Chennathur Post, Rayakotta Road, HOSUR - 635 109. India  
Tel.: +91 4344-222079, +91 94432 41879, E-mail : vinsarl@yahoo.co.in

14/07/2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Manjula.V (3<sup>rd</sup> B.COM)** student of St.Joseph's College of arts and science for women, Hosur has undergone in-plant training in Accounts department at our organisation from 26/06/2023 to 12/07/2023.

During the period of the training with us she was found punctual, hardworking and inquisitive.

We wish her all success for future endeavours.



Karthik.V

Plant Head

VINSAR ELASTOMERS

For VINSAR ELASTOMERS

Proprietor

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Submitted by

**NAME: VIJAYADHARSHINI.M**

**REG.NO: C21UG152COM113**

Under the guidance of

**Dr. D. BHUVANA**

**Assistant Professor**



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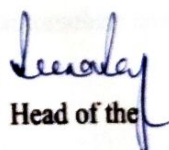
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7	Title of the Training	A study on functional departments of VINSAR ELASTOMERS.
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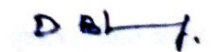
  
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# **A STUDY ON THE FUNCTIONAL DEPARTMENTS OF VINSAR ELASTOMERS**

## **INTRODUCTION**

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Business operations started in 1995.

The leading manufacturers of the organization high-quality precision automobile rubber components such as 'O'-rings, oil seals, and technically specified moulded rubber products in Natural and synthetic rubbers.

## **FUNCTIONAL DEPARTMENT**

Functional departments are specialized units within an organization that are responsible for carrying out specific tasks or functions.

### **DEPARTMENT: 1 PRODUCTION**

Production department of the organization is the process of using economic input or resources, like labour, capital equipment or land, to provide goods and services to customers.

The organization manufactures the moulded rubber products made from Natural, Nitrile, Neoprene, Silicon, Viton, HNBR, etc., for industrial and automobile applications.

### **DEPARTMENT: 2 HUMAN RESOURCE**

The primary responsibility of this organization's HR department is to sustain positive working relationships with employees which will help to spot and resolve potential conflicts quickly and helps to increase productivity.

### **DEPARTMENT: 3 ACCOUNTS**

The accounts department of this organization is responsible for the preparation of financial statements, maintenance of general ledger, payment of bills, preparation of custom bills, and more. They are responsible for managing the company's entire financial operations. It is impossible for any business, whether a small firm operating out of home or a large multinational company must have an accounting department in order to function.

### **DEPARTMENT: 4 SALES**

A sales department of the organization deals with the responsibility of selling products or services for a company. This department comprises a sales team that works together to make sales, increase profitability and build and maintain relationships with customers to encourage repeat purchases and brand loyalty.

### **DEPARTMENT: 5 QUALITY**

Quality department of the organization is to manage and implement regular inspections and testing at various stages of production to rectify defects early.

### **LEARNING EXPERIENCE**

Enthusiam is invaluable as a intern,I discovered its essential to be enthusiastic and open to learning new skills, asking for more work and being curious to learn and ask questions.

During my internship, I learned how to communicate and build relationships with the people I worked with.

### **CONCLUSION**

I get to the conclusion that this study's goal is to apply my theoretical knowledge practically because the modern world is implementing a lot of new technology.

For the improvement of my existing competence and not withstanding my existing skill. I gained knowledge on how the company is actually run.



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