PROJECT REPORT ON

"A Study on Inventory Management with special reference to ND Sons

Engineers Private Limited, Baikampady"

Submitted by

DEEKSHITHA RANI K

USN: 4AL22BA019

Submitted to



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

In partial fulfilment of the requirements for the award of the degree of

MASTER OF BUSINESS ADMINISTRATION

Under the guidance of

INTERNAL GUIDE EXTERNAL GUIDE

Mr. Ashok Rao Mr. Shodhan Hegde

Assistant Professor Finance Head

AIET, Mijar ND Sons, Mangalore



PG DEPARTMENT OF BUSINESS ADMINISTRATION ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODABIDRI

SEPTEMBER - 2024







©: 0824-2408383 ■: info@ndsons.com ⊕: www.ndsons.com

Office: Plot #16-118/12 Kalpane, Opp. Forest Office, Kulshekar, Mangalore, Dakshina Kannada, Karnataka - 575 005 Works: Plot #93 & 87/1, KIADB, Industrial Area, Baikampady, Mangalore, Dakshina Kannada, Karnataka - 575 011

06.06.2024

Certificate

This is to certify that Ms. Deekshitha Rani K a student of MBA IV semester (Reg No.USN No.4AL22BA019) Alvas's Institute of Engineering & Technology Shobhavana Campus, Mijar, Moodbidri, has successfully Completed her training from 23.04.2024 to 06.06.2024 in our organization on the Topic of 'A Study on Inventory Management with special reference to NDSons Engineers Private Limited, as a partial fulfillment of MBA Course as prescribed by the Visvesvaraya Technology University, Belgaum.

During the tenure we found her to be sincere, hardworking and efficient with good conduct and aptitude to gain knowledge.

We wish success in her future endeavors.

For NDSons Engineers Private Limited

NDSons Engineers Pvt. Ltd.

CIN: U29299KA2021PTC144895 Reg. Office: #16-118/12, Kalpane, Opp. Forest Office, Kulshekar, Mangalore - 575005



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

(A Unit of Alva's Education Foundation ®, Moodbidri) Affiliated to Visvesvaraya Technological University, Belagavi Approved by AICTE, New Delhi & Recognised by Government of Karnataka Accredited by NBA (CSE & ECE)

Date: 09/09/2024

CERTIFICATE

This is to certify that Deckshitha Rani K bearing USN 4AL22BA019, is a bonafide student Master of Business Administration course of Alva's Institute of Engineering and Technology, Moodbidri for the batch 2022-2024, affiliated to Visvesvaraya Technological University, Belagavi. The Project report on "A Study on Inventory Management with special reference to ND Sons Engineers Private Limited, Baikampady" is prepared by her under the guidance of Mr. Ashok Rao, Assistant Professor, in partial fulfilment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

Signature of Internal Guide

Alva's Institute of Engg. & Technology,

Mijur. MOODBIDRI - 574 225, D.K

PG Dept. of Business Administration

Alva's Institute of Engg. & Technology Mijar - 574225

Viva - Voce Examination

Signature of External Examiner

(Name & Affiliation)

Signature of Internal Examiner (Name & Affiliation)

DECLARATION

I Deckshitha Rani K, hereby declare that this project report entitled "A Study on Inventory

Management with special reference to ND Sons Engineers Private Limited, Baikampady"

prepared by me under the guidance of Mr. Ashok Rao, Assistant Professor of M.B.A

Department, Alva's Institute of Engineering and Technology, Mijar and external assistance by

Mr. Shodhan Hedge, Accountant, ND Sons Engineers Private Limited, Baikampady.

I also declare that this project report is towards the partial of the university regulation for the

award of degree of Master of Business Administration by Visvesvaraya Technological

University, Belagavi.

I have undergone a summer project for a period of 6 weeks. I further declare that this project

report is based on the original study undertaken by me and not been submitted for the award of

any degree from any other University/Institution.

Place: Mijar

Date:09-09-2024

Signature of the Student

ACKNOWLEDGMENT

I would like to take this opportunity to express my sincere gratitude to all those who

have helped me throughout this project. It gives me immense pleasure to acknowledge

all those who have rendered encouragement and support for the successful completion

of this work.

I express my deep sense of gratitude to my internal guide Mr. Ashok Rao, Assistant

Professor Department of the MBA, for this constant support and encouragement to

carry out my project successfully without much difficulty.

I am grateful to Mrs. Priya Sequeira, HOD, MBA department, Alvas Institute of

Engineering and Technology, Mijar, Moodbidiri. Whose timely suggestions and

encouragement support me to complete this project.

I would like to express my sincere thanks to Dr. Peter Fernandes, Principal Alvas

Institute of

Engineering and Technology, Mijar, Moodbidiri.

With regards,

Deekshitha Rani K

TABLE OF CONTENTS

CHAPTER	CONTENTS	PAGE NO
No		
1.	Introduction	1-12
2.	Conceptual Background and Literature Review	13-24
3.	Research Design	25-28
4.	Analysis and Interpretation	29-44
5.	Finding, Conclusion and Suggestions	45-48
6.	Bibliography	49-50
7.	Annexure	51

LIST OF TABLES

Table No	Title of the table	Page No
1.12	Table showing Balance Sheet	
1.12	Table showing Profit and Loss account	11
1.12	Table showing Front and Loss account	12
4.1	Table showing Inventory Turnover Ratio	30
4.2	Table Showing Raw Material Turnover Ratio	31
4.3	Table showing WIP Inventory Turnover Ratio	32
4.4	Table showing Finished Goods Turnover Ratio	33
4.5	Table showing Evaluation of Turnover Ratio	34
4.6	Table showing Inventory Holding Period Ratio	35
4.7	Table showing Raw Material Holding Period Ratio	36
4.8	Table showing WIP Holding Period Ratio	37
4.9	Table showing Finished Goods Holding Period Ratio	38
4.10	Table showing Comparison of Inventory Holding Period	39
4.11	Table showing correlation Coefficient	40
4.12	Table showing Inventory Trend Analysis	41
4.13	Table showing Sales Trend Analysis	42
4.14	Table showing Debtors Trend Analysis	43
4.15	Table showing Creditors Trend Analysis	44

EXECUTIVE SUMMARY

This study focuses on "A Study on Inventory Management with special reference to ND Sons Engineers Private Limited, Baikampady." The primary objective is evaluating current inventory management practices to identify the area for improvement and also identify slow moving, obsolete stock and reduce the excess inventory in the company.

The research identifies the balance between minimizing costs and ensuring the availability of raw materials and finished goods. Infective inventory management techniques can result in overstocking, stockouts, higher holding costs, and production delays, all of which can harm the bottom line of the business and customer happiness. This study aims to identify potential inefficiencies, and propose strategies for improvement to enhance overall productivity and cost-effectiveness.

Through a comprehensive literature review and data analysis, the findings suggests that effective inventory management is directly correlated with improved profitability and reduce stockouts, overstock. This study concludes with recommendations for ND Sons Engineers Private Limited to enhance its inventory management strategies, including advance inventory management technologies, providing staff training. So that organization substantially enhance its inventory control process.

Overall, this study undergoes the significance of Inventory management as a vital aspect of financial strategy, strengthening the business's long-term profitability and competitive edge in the marketplace.