**A REPORT OF THE STUDENT INDUSTRIAL WORK EXPERIENCE SCHEME**

**(SIWES),**

**CARRIED OUT AT**

**NAJSOD NIGERIA ENTERPRISES**

**BY**

**SOLOTAN AYOMIDE DUROTOLUWA**

**NSTF/15/001**

**PERIOD OF ATTACHMENT: SEPTEMBER 2016 TO DECEMBER 2016**

**SUBMITTED TO THE SCHOOL OF PURE AND APPLIED SCIENCE,**

**DEPARTMENT OF STATISTICS**

**IN PARTIAL FUFILMENT OF THE REQUIREMENTFOR THE AWARD OF**  **NATIONAL DIPLOMA IN STATISTICS**

**OGUN STATE INSTITUTE OF TECHNOLOGY, IGBESA.**

**FEBUARY, 2017**

ACKNOWLEDGEMENT

First and foremost, I want to give appreciation to Almighty God for giving me the grace to be able to develop myself and for everything

My sincere appreciation goes to MR OBANLA the HOD of STATISTICS department for his encouragement and morals advices and I would also like to show general gratitude to the entire staff of statistics for their impact on me as a student.

I would also like to thank my friends who showed great assistant to me to make my work more effective and well organized.

DEDICATION

The student industrial work experience (SIWES) is dedicated to the Almighty God for the grace he gave me to this work, I express my sincere appreciation to MR OBANLA for his great encouragement and support throughout this work. I also thank him for giving me the reinforcement, confidence and most importantly the track for this report.

CERTIFICATION

This is to certify that this report was carreid out by SOLOTAN AYOMIDE DUROTOLUWA .with matriculation number NSTF/15/001 in the department of STATISTICS, faculty of Pure and Applied Science. OGITECH ( Ogun state institute of technology, igbesa )

VISITING SUPERVISOR DATE

MR OBANLA DATE

H.O.D STATISTICS

DIRECTOR OF SIWES DATE

**TABLE OF CONTENTS**

**TITLE PAGE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1**

**ACKNOWLENGEMENT\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_2**

**DEDICATION\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_3**

**CERTIFICATION\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_4**

**TABLE OF CONTENTS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_5**

CHAPTER ONE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_6 - 7

1. INTRODUCTION
   1. Background
   2. Objective

CHAPTER TWO: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_8 - 10

Summary of weekly activities

CHAPTER THREE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 11

1. Experience Gained

3.1 Problems Encountered

3.2 SUMMARY

3.3 CONCLUSION

3.4 RECOMMENDATION

CHAPTER ONE

1.0: INTRODUCTION

1.1: BACKGROUND

The student’s industrial Work Experience Scheme (SIWES) was established in 1973/1974 session. Prior to the establishment of the scheme,there was a growing concern among our industrialists tha gradute of our institution of higher leaning lacked adequate pratical background studies preparatory of employment in the industries. It is against this background that the rationle for initiating and designing the scheme was hinged. Consequently, the scheme affords students oppunity of familiarizing and exposing themselves to the needed experience in handing equipment and machinery that are usually not available in their institutions.

The growing concern among our industrialists that graduates of our institution higher leaning lack adequate pratical background studies preparation for employment in industries, led to the formation of the Students Industrial Work Experience Scheme (SIWES) by ITF in 1993/1994. (information and guideline for SIWES 2002) ITF has as one of its key functions;

1. To work as cooperative entity with industry and commerce where students in institutions of higher learning can undertake mid-career work experience attechment in industries which are compatible with students ares of study (Okorie 2002, in Asikadi 2003).

The scheme was designed to expose student to industrial environment and enable them to development and enable them develop occupational competencies so that they can readily contribute their quota to national economic and technological development after graduation. The scheme also enables students to acquire knowledge, skill and experience to peform jobs in their respected fields.

* 1. OBJECTIVES OF SIWES:

The objectives of SIWES among others includes:

Provide an avenue for students in institution for higher learning to aquire industrial skills and experience in their aprove course of study;

Prepare students for the industrial work situation which they likely to meet after graduation.

Expose students to work method and techniques in handling equipment and machinery in their institutions.

Provide students with an opportunity to apply their knoweldge in real work situation thereby bridging the gap between theory and practices.

Enlist and strengthen employers’ involvement in the entire education process and prepare students for empolyment in industry and commerce (information and guideline for SIWES 2002).

CHAPTER TWO

2.1 WEEK 1

MON: Introduction to statistics

TUE: Concept of statistics

WED: Functions of statistics

THUR: Definition of descriptive statistics

FRI: Types of descriptive statistics

2.2 WEEK 2

MON: Application of statistics

TUE: Application of descriptive statistics

WEN: Introduction to inferential statistics

THUR: Definition of inferential statistics

FRI: Definition of inferential statistics

2.3 WEEK 3

MON: Types of inferential statistics

TUE: Application of inferential statistics

WEN: Test of hypothesis, parameters and forecasting

THUR: Introduction to data collection

FRI: Sources of data

2.4 WEEK 4

MON: Types of data

TUE: Definition of statistical errors

WEN: Types of statistical errors

THUR: Definition of sampling techniques

FRI: Method of sampling

2.5 WEEK 5

MON: Introduction to computer

TUE: Types of computer

WEN: Function of computer

THUR: Introduction to computer application package

FRI: Function of computer applition package

2.6 WEEK 6

MON: Introduction to corel draw

TUE: Function of corel draw

WEN: Function of corel draw

THUR: Introduction to ms excel

FRI: Function of ms excel

2.7 WEEK 7

MON: Function of ms excel

TUE: Introduction to microsoft powerpoint

WEN: Function of microsoft powerpoint

THUR: Function of microsoft powerpoint

FRI:

2.8 WEEK 8

MON: Introduction to ms word

TUE: Function of ms word

WEN: Function of ms word

2.9 WEEK 9

MON: Industrial statistics

TUE: Function of industrial statistics in a organization

WEN: Function of industrial statistics in a organization

THUR: Important of industrial statistics in a organization

FRI: important of industrial statistics in a organization

2.10 WEEK 10

MON: Definition of statistical techniques

TUE: Types of statistical techniques

WEN: Types of statistical techniques

THUR: Application of statistical techniques

FRI: Application of statistical techniques

2.11 WEEK 11

MON: Definition of quality control

TUE: Definiton of quality control

WEN: Important of quality control

THUR: Important of quality control

2.12 WEEK 12

MON: Application of quality control

TUE: Application of quality control

WEN: Variation in quality control

THUR: Variation in quality control

CHAPTER THREE

3.0 MY EXPERIENCE

In the course of my SIWES,I have learnt quite a number of things some of them includes:

The importance and relevance of statistics in industries.

I have also learnt how to consume data into a system using microsoft excel which i find interesting. it was interesting to know that all the industries in the world need the uses of statistics.

3.1 PROBLEM ENCOUNTERED

The main problem encountered during the programme was that we did not really base on system, like using system to draw graphical data.

Some students were not given allowance. Some were faced with difficulty of getting placement.

3.2 SUMMARY

My SIWES has expose my knowledge of understanding, and made me to fully understand the vast important of statistics in industrial world.

3.3 CONCLUSION

During my SIWES, I was expose to so many things on statistical field and also MS-Power point. I am competent in ms- word and power point. Most important I gained idea on how to apply statistical quality control in Nigeria industries, know what variation means in quality control, after the (8) weeks I spend. With this I will advise every student to take their industrial experience scheme very importantly and serious.

3.4 RECOMMENDATION

l personally recommend this SIWES Training to all student, as it allows one to gain practical skill and knowledge and also broadens one's scope of understanding generally.