



A REPORT ON
STUDENTS INDUSTRIAL WORK EXPERIENCE SCHEME
(SIWES)

UNDERTAKEN AT

AIMOR FEEDMILL
EGBEJILA ROAD, ILORIN

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BY

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DEDICATION

This report is dedicated to the Almighty God for His guidance, protection, and grace throughout the duration of my industrial training program. I also dedicate this report to my loving parents for their unwavering support and encouragement.

ACKNOWLEDGEMENT

I express my sincere gratitude to the management and staff of Aimor Feedmill for giving me the opportunity to undergo my SIWES training in their reputable organization. I am particularly grateful to Mr. Adekunle Adebayo, my supervisor, for his mentorship and guidance throughout the training period.

My heartfelt appreciation also goes to my SIWES coordinator, lecturers, and the entire Department of Agricultural Technology, Kwara State Polytechnic, for their support. I am also grateful to my family and friends for their encouragement during this period.

ABSTRACT

This report covers the Student Industrial Work Experience Scheme (SIWES) undertaken at Aimor Feedmill. It highlights the skills and knowledge acquired in feed formulation, animal nutrition, quality control, and general feedmill operations. The report also outlines the challenges encountered and proffers recommendations for improvements in future SIWES experiences.

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CHAPTER ONE

INTRODUCTION

1.1 Background of SIWES

The Student Industrial Work Experience Scheme (SIWES) is a program established to expose students of tertiary institutions to real-life industrial environments and practices. It aims to bridge the gap between theoretical knowledge and practical experience.

1.2 Objectives of SIWES

- To expose students to industrial work methods.
- To develop practical skills relevant to their course of study.
- To provide students with an opportunity to apply classroom theory in real-world settings.
- To enhance students' employability after graduation.

1.3 Objectives of the Training at Aimor Feedmill

- To gain practical experience in animal feed formulation.
- To understand the operations of a standard feedmill.
- To develop competence in quality control measures.
- To be familiar with safety and hygiene practices in feed production.

CHAPTER TWO

DESCRIPTION OF THE ORGANIZATION

2.1 Name and Location

Aimor Feedmill, located at [Insert address if known], is a medium-scale feed production company involved in the formulation and production of livestock feeds.

2.2 Historical Background

Aimor Feedmill was established in [insert year if known] with the goal of providing quality animal feed to livestock farmers. Over the years, the company has grown to become a trusted name in feed production within the region.

2.3 Organizational Structure

The company is structured into the following departments:

- Production Department
- Quality Control Department
- Procurement Department
- Sales and Marketing Department
- Administration Department

2.4 Vision and Mission

Vision: To be a leading provider of high-quality and affordable livestock feed in Nigeria.

Mission: To ensure the production of nutritious and well-balanced feed using advanced technologies and best practices.

CHAPTER THREE

TRAINING PROGRAMMES AND ACTIVITIES

3.1 Feed Formulation

I was trained on how to formulate different types of feed (broiler starter, grower, finisher, layer mash) using a mix of ingredients like maize, soya meal, groundnut cake, wheat offal, and premix.

3.2 Milling and Mixing

I participated in the grinding of raw materials using hammer mills and in the mixing of feed ingredients to achieve a uniform blend.

3.3 Pelletizing

I learned how the mixed feed is pelletized using a pelleting machine, which makes it easier for animals to consume.

3.4 Packaging and Storage

I was involved in the packaging of feed into 25kg and 50kg bags and learned proper storage methods to avoid spoilage and contamination.

3.5 Quality Control

I observed how feed samples are tested for nutrient composition and contamination to ensure the product meets standard requirements.

3.6 Hygiene and Safety Practices

I was taught the importance of personal hygiene, use of protective equipment, and general cleanliness of the feedmill environment.

CHAPTER FOUR

PROBLEMS ENCOUNTERED AND SOLUTIONS

4.1 Problems Encountered

- **Machine Breakdown:** Frequent breakdown of the pelleting machine delayed production.
- **Heat and Dust:** Working in a hot and dusty environment was physically challenging.
- **Limited Laboratory Equipment:** The quality control lab had limited resources for detailed analysis.

4.2 Solutions

- Regular maintenance and servicing of machines were introduced to reduce downtime.
- Use of face masks and gloves helped minimize health risks.
- Management was advised to invest in more modern laboratory equipment.

CHAPTER FIVE

SUMMARY, CONCLUSION, AND RECOMMENDATION

5.1 Summary

The SIWES training at Aimor Feedmill provided me with practical skills and knowledge in feed production. It allowed me to apply theoretical concepts in a real-world setting, improving my technical know-how and work discipline.

5.2 Conclusion

This industrial training was a valuable experience that has prepared me for future challenges in the agricultural sector. It also improved my understanding of the role of feed production in livestock farming.

5.3 Recommendations

- The institution should continue to monitor and evaluate SIWES placements to ensure students are well engaged.
- Aimor Feedmill should improve its laboratory facilities for better quality control.
- Safety training should be regularly organized for workers and trainees.

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