

**A TECHNICAL REPORT AND PRESENTATION
ON
STUDENT INDUSTRIAL WORK EXPERIENCE
SCHEME (SIWES)
*HELD AT***

**FATHER'S FARM
2, BEHIND KWARA STATE BLOCK ASSOCIATION
YEBUMOT ROAD, ILORIN, KWARA STATE**

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DEDICATION

I dedicate this project to Almighty God for his protection over me during SIWES program, Almighty God and my wonderful parent for the moral and financial support towards my academic career, may God guide and protect them all. (AMEN)

ACKNOWLEDGEMENT

A report of this magnitude definitely involved more than just my hand work alone. In consequence to that, it is important that effort of the people who contribute to success of this program be acknowledge.

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CHAPTER ONE

1.1 INTRODUCTION

The Student Industrial Work Experience Scheme (**SIWES**) is a programme embark on to give student specialized skill and acquisition of knowledge in their field of study. It also serves as a motive that compliments learning and encourages the attachment of students in industries, companies and firms based on their discipline. Students are thereby compelled as a matter of necessity to acquire certain educational skill and knowledge either in Polytechnic, University or College of Education.

1.2 DEFINITION OF SIWES

SIWES which is also known as Student Industrial Work Experience Scheme is an aid which enables students to have practical knowledge pertaining to their field of study. It is a program that involves the higher institution knowledge in relation to national board for technical education.

1.3 AIMS AND OBJECTIVES

- To expose students on a particular field they have focused on.
- To enable students face challenges.
- To enable them gain more experience.
- To help students acquire skills.
- To enlighten students about the practical aspect of their field of study.

CHAPTER TWO

2.1 HISTORICAL BACKGROUND OF THE ORGANIZATION

Father's Farm Poultry is a distinguished poultry farming enterprise that has grown into a symbol of excellence in poultry production. Established as an extension of Father's Farm, the poultry division was founded with the vision of providing high-quality poultry products, promoting food security, and advancing modern poultry farming techniques.

The poultry unit was initially launched in December 2018 by Ifada Isreal with a modest number of chiks, primarily for subsistence and local consumption. As demand for poultry products grew, the farm expanded its operations, incorporating improved breeds, better feeding techniques, and advanced poultry management systems.

Over the years, Father's Farm Poultry has diversified its production, specializing in layers for egg production, broilers for meat, and hatchery services for chick production. By integrating modern innovations such as automated feeding systems, biosecurity measures, and disease control strategies, the farm has maintained high standards in poultry health and productivity. Beyond production, Father's Farm Poultry has also contributed to capacity building in the agricultural sector by training aspiring poultry farmers, offering mentorship programs, and supporting local agribusiness initiatives. Its commitment to quality, sustainability, and innovation has positioned it as a leading poultry farm in the region.

Today, Father's Farm Poultry continues to thrive, supplying fresh poultry products to households, businesses, and markets while remaining dedicated to its mission of enhancing food security and agricultural development.

2.2 MAJOR ACTIVITIES OF THE ORGANIZATION

The ORGANIZATION deals mainly with poultry

2.4 SECTIONAL/UNIT OF THE ORGANIZATION WITH THEIR SPECIFIC FUNCTIONS.

These are the various unit of the organization and there specific functions

Director: is the head of the management and he is also in charge of the organization affairs.

Business Department: This section is in charge of business transaction

Farm / poultry: This is where student are being lectured.

CHAPTER THREE

3.1 STUDENT SPECIFIC INVOLVEMENT IN VARIOUS SECTION/UNIT

Since the major aim and objective the SIWES program is to enlighten students more with the practical aspect in respect to the theoretical aspect that they have been taught in class.

I was attached to the training section, where I know about Poultry Housing and Equipment

Poultry Management Practices

Record Keeping and Data Collection

Waste Management

3.1 Poultry Housing and Equipment

Poultry housing is a crucial aspect of poultry farming as it provides a conducive environment for the birds. The types of housing observed include:

- **Battery Cage System:** This method involves placing birds in individual or group cages stacked in tiers, allowing for efficient space management and ease of feeding.
- **Deep Litter System:** Birds are kept on the floor covered with sawdust, wood shavings, or straw to provide insulation and absorb waste.

Equipment used in poultry farming includes:

- **Feeders:** Used to distribute feed evenly among the birds.
- **Drinkers:** Ensure the birds have access to clean water at all times.
- **Incubators:** Used for hatching eggs under controlled temperature and humidity.
- **Brooders:** Provide heat to day-old chicks to maintain optimal temperature conditions.
- **Ventilation Systems:** Essential for air circulation and temperature regulation.

3.2 Poultry Management Practices

Poultry management includes several activities necessary for the health and productivity of the birds:

- **Brooding:** Special care is given to chicks during the first few weeks of life. This includes maintaining proper temperature, feeding starter diets, and ensuring adequate lighting.
- **Feeding:** Poultry feed is categorized based on the bird's age and purpose.
 - **Starter Feed:** High protein diet for young chicks.
 - **Grower Feed:** Fed to birds between 6-8 weeks of age.
 - **Finisher Feed:** Given to broilers for optimal weight gain before sale.
 - **Layer Feed:** Rich in calcium to support egg production.
- **Vaccination and Medication:** Vaccination programs are implemented to prevent diseases like Newcastle, Gumboro, and Marek's disease. Deworming and antibiotic treatments are administered when necessary.

- **Culling:** Removal of sick or unproductive birds to maintain a healthy flock.
- **Lighting Programs:** Control over light exposure is used to enhance egg production and manage bird behavior.

3.3 Record Keeping and Data Collection

Accurate records are maintained to track farm activities and assess performance. Records kept include:

- **Daily Mortality Records:** Helps monitor flock health.
- **Feed Consumption Records:** Ensures proper nutrition and cost control.
- **Egg Production Records:** Used in layer farms to monitor productivity.
- **Vaccination and Treatment Logs:** Keeps track of medical interventions.

3.4 Waste Management

Proper disposal of poultry waste is essential for environmental sustainability and disease prevention. The waste management practices observed include:

- **Manure Collection:** Regular removal of droppings to prevent ammonia buildup.
- **Composting:** Poultry manure is processed into organic fertilizer for use in crop production.

- **Biogas Production:** Some farms utilize poultry waste to generate renewable energy.
- **Incineration:** Disposal of dead birds through controlled burning to prevent disease spread.

CHAPTER FOUR

4.1 DISCUSSION

The practical experience gained during the SIWES program at the poultry farm provided valuable insights into poultry management, feeding strategies, disease control, and waste management. Observations revealed that proper housing and nutrition significantly impact bird growth and egg production, while challenges such as high feed costs and disease outbreaks hinder efficiency. The need for improved vaccination programs and locally sourced feed alternatives became evident, highlighting the importance of innovation and government support in the poultry sector. Overall, this experience reinforced the essential role of poultry farming in food security and economic sustainability.

4.2 RELEVANCE OF EXPERIENCE GAINED TO STUDENT FIELD OF STUDY

- i. It enables me to practice Importance of biosecurity measures in poultry farms.
- ii. It enables me to know the important of effects of proper feeding on poultry growth and production.
- iii It enables me to gain hands-on experience in handling and processing poultry products.

4.2 INTERPERSONAL RELATIONSHIP WITH THE ORGANIZATION

IFADA is a nice organization where I was able to interact with the director, instructors and students of the organization.

Even when I was about to round up my program, I felt like extending it but I have no option other than to leave.

CHAPTER FIVE

5.1 CONCLUSION

I appreciate the effort of The Federal Government of Nigeria for introducing such program (**i.e. SIWES**) Student Industrial Work Experience Scheme to enhance students practical knowledge in their various field of study.

5.2 PERSONAL IMPRESSION ABOUT THE ORGANIZATION

It is an organization where unity exists within the director, instructors, secretary and student and this has really contributed to the growth of the organization.

The organization where I did my SIWES training can be recommended to any individual who is ready to acquire Media knowledge.

5.3 SUGGESTION AND RECOMMENDATION TO THE ORGANIZATION

I am appealing to the organization to give **SIWES** applicant a helping hand because they can both learn from each other.

5.4 TO THE POLYTECHNIC

I am appealing to all Polytechnics that they should get all their students engaged in the **SIWES** program because I believe it is a program that can boost student's practical knowledge about the theoretical aspect they have been taught in school. It also makes the student to learn more on how to interact with people and how to work.