



A TECHNICAL REPORT
ON
STUDENT INDUSTRIAL WORK EXPERIENCE SCHEME
AT
MINISTRY OF HEALTH
ABERE OSUN STATE OSOGBO

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IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF
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CERTIFICATION

This is to certify that this report of SIWES program for the 2023/2024 session is written and submitted by **SIKIRU AYOBAMI SEFINAT** with matriculation number **ND/23/SLT/PT/0454** to the department of SCIENCE LABORATORY TECHNOLOGY (SLT), Kwara state Polytechnic, Ilorin.

Student signature

Date

SIWES Coordinator Signature

Date

DEDICATION

This work is first dedicated to God almighty for his immeasurable love and faithfulness upon my life throughout my period of Industrial Training. This work is also dedicated to my entire family especially my parent Mr. and Mrs SIKURU for their care, love, and provision.

ACKNOWLEDGEMENT

I sincerely offer priceless and invaluable gratitude to the Almighty God for his boundless love and mercy upon me throughout the period of my industrial training. I am most grateful to my parents Mr. and Mrs. **SIKURU** for their financial and moral support throughout the period of my Industrial Training. Not left out my siblings, friends and loved ones especially my brother future and favor. I love you all. My profound gratitude goes to the managements, staff and my fellow industrial Trainee. Finally I want to say a big thank you to my HOD, all my lecturers, the Kwara state polytechnic, Ilorin. And every other person that has been helpful during the period of my Industrial Training. I say may God bless you all beyond measures amen.

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CHAPTER ONE

1.0 INTRODUCTION

1.1 PURPOSE OF SIWES

The Student Industrial Work Experience Scheme (SIWES) was initiated in 1973 by the Industrial Training Fund (ITF). This was to update practical knowledge of students in the Universities, Polytechnics and Colleges of Technology.

It was aimed at bridging the gap between the theoretical knowledge acquired in classes and technical knowledge in the industry by providing students with the opportunities to apply their educational knowledge in real work situations. Over the years, SIWES has contributed immensely to building the common pool of technical and allied skills available in the Nigeria economy which are needed for the nation's industrial development.

Furthermore, the place and relevance of SIWES is underscored by the fact that the scheme contributes to improving the quality of technical skills generally available in the pool from which employer's source technical manpower. It gives student the opportunity to blend the theoretical knowledge acquired in the classroom and with practical hands-on application of knowledge required to perform work in the industry. Also, it prepares students for employment and makes the transition from school to the world of work easier after graduation.

I undertook my SIWES at ministry of health osogbo (Pharmacy Department) which is located owoode ede abere osun state from august to December 2024.

Osun State Ministry of Health Osun State Ministry of Health

The Osun State Ministry of Health, headquartered in Osogbo, Nigeria, is responsible for implementing government health policies, maintaining healthcare facilities, managing health personnel, and collaborating with organizations like UNICEF and WHO to enhance public health services.

To improve healthcare accessibility, the Osun Health Insurance Scheme (OHIS) was established, offering affordable and flexible health coverage, especially for the aged and less privileged. As of recent data, OHIS has over 150,000 enrollees and partners with approximately 432 health facilities across the state.

Additionally, the Osun State Primary Health Care Development Board oversees various departments, including Nutrition Services, Pharmaceutical Services, and Medical Laboratory Services, aiming to strengthen primary healthcare delivery.

1.2 BRIEF OVERVIEW OF ESTABLISHMENT

1. Introduction

The Osun State Ministry of Health, located in Abere, Osogbo, is the government body responsible for overseeing the healthcare system in Osun State, Nigeria. It plays a key role in formulating health policies, managing public health programs, regulating medical facilities, and ensuring the well-being of residents. The Osun State Ministry of Health, located in Abere, Osogbo, is responsible for overseeing public health initiatives, healthcare services, and policy implementation within Osun State, Nigeria. While specific historical details about the establishment and development of the Ministry are not readily available in public sources, it plays a crucial role in managing health-related programs and schemes, such as the

Established in 2017, O'HIS aims to provide affordable and accessible healthcare services to residents of Osun State, particularly targeting the aged and financially disadvantaged populations. The scheme was initiated under the administration of former Governor Rauf Aregbesola, with Dr. Niyi Oginni appointed as the Executive Secretary. The primary objectives of O'HIS include reducing the financial burden of medical expenses and improving access to quality healthcare for all citizens.

The Ministry's location in Osogbo places it near significant cultural landmarks, such as the Osun-Osogbo Sacred Grove. This sacred forest, recognized as a UNESCO World Heritage Site, is considered the abode of the fertility goddess Osun and holds immense cultural and spiritual importance for the Yoruba people.

For more detailed information about the Ministry's history and current initiatives, it would be advisable to consult official Osun State government publications or contact the Ministry directly.

2. Key Functions and Responsibilities

The Ministry is responsible for:

Policy Formulation: Developing and implementing healthcare policies.

Healthcare Service Delivery: Overseeing hospitals, clinics, and other healthcare facilities.

Disease Prevention & Control: Managing vaccination campaigns, disease surveillance, and public health programs.

Health Insurance & Financing: Administering the Osun Health Insurance Scheme (O'HIS) to improve access to healthcare.

Regulation & Inspection: Monitoring private and public health institutions to ensure compliance with state and national health standards.

3. Departments and Agencies

The Ministry operates through various departments, including:

Public Health Department – Focuses on disease prevention, maternal and child health, and immunization programs.

Environmental Health Unit – Ensures sanitation, waste management, and pollution control.

Hospital Services Department – Manages hospitals, specialist clinics, and healthcare professionals.

Pharmaceutical Services – Regulates drug distribution and ensures the availability of essential medicines.

Osun Health Insurance Scheme (O’HIS) – Provides affordable health coverage for residents.

4. Achievements and Initiatives

Implementation of O’HIS, which provides low-cost healthcare access.

Upgrade of healthcare infrastructure, including hospitals and primary healthcare centers.

Public health campaigns on malaria prevention, maternal health, and sanitation.

Collaboration with international and local health organizations for improved service delivery.

5. Challenges and Future Plans

Challenges: Limited funding, inadequate health personnel, and infrastructure deficits.

Future Plans: Expanding healthcare coverage, improving medical facilities, and increasing awareness of preventive healthcare measures

ORGANISATION STRUCTURE OF MINISTRY OF HEALTH OSOGBO

Organizational StructureThe Ministry of Health is structured as follows:

Commissioner for Health – The highest authority overseeing all operations within the Ministry.

Permanent Secretary – Assists in policy execution and administrative functions.

Directors of Departments – Heads of various departments, including:

Public Health Department: Manages disease prevention and health awareness programs.

Medical Services Department: Oversees hospitals, clinics, and healthcare facilities.

Pharmaceutical Services: Ensures drug quality control and distribution.

Nursing Services: Coordinates nursing education and hospital staffing.

Health Planning, Research, and Statistics: Conducts health research and policy formulation.

Departmental Heads and Officers – Responsible for implementing specific health programs and initiatives.

Support Staff – Includes administrative, technical, and operational personnel ensuring smooth functioning.

CHAPTER TWO

2.0 TRAINING PROGRAMME

2.1 DESCRIPTION OF TRAINING EXPERIENCES

The Ministry of Health, Osogbo, is a government institution responsible for the administration and implementation of healthcare policies in Osun State. It ensures the delivery of quality healthcare services to the public through its various departments and affiliated agencies. The Ministry plays a pivotal role in disease prevention, public health promotion, and healthcare service regulation.

2.2 Vision and Mission

Vision: To achieve a healthy and productive population through efficient and sustainable healthcare services.

Mission: To provide accessible, affordable, and high-quality healthcare services that meet international standards, while promoting preventive healthcare and ensuring the well-being of all citizens.

2.3 Key Functions of the Ministry The Ministry of Health is responsible for:

- 1 Developing and implementing health policies and programs.
- 2 Providing primary, secondary, and tertiary healthcare services.
- 3 Managing immunization and disease control programs.
- 4 Conducting public health awareness campaigns.
- 5 Ensuring the availability of essential medicines and medical supplies.
- 6 Collaborating with national and international health organizations.

RELATION OF WORK EXPERIENCE TO THEORY LEARNT IN SCHOOL.

With Respect to theory learnt in school:

Tasks Performed During the internship, several key activities were carried out, including:

Data Collection and Entry: Assisted in gathering and inputting data on public health statistics, including disease outbreaks, vaccination records, and maternal health indicators.

Health Awareness Campaigns: Participated in outreach programs to educate communities on hygiene, family planning, immunization, and disease prevention. These campaigns involved distribution of educational materials, interaction with local community members, and organizing sensitization workshops.

Policy Development Participation: Attended meetings and discussions on healthcare policies, observing how policies are formulated, reviewed, and implemented within the Ministry.

Hospital and Clinic Observations: Visited various healthcare facilities to understand service delivery mechanisms, patient management, and the implementation of public health programs.

Pharmaceutical and Medical Supply Management: Assisted in inventory management, ensuring proper documentation and distribution of essential drugs and medical supplies to healthcare centers.

Health Inspection and Sanitation Monitoring: Worked with environmental health officers in inspecting food vendors, water supply sources, and public facilities to ensure compliance with health standards.

3.2 Skills Acquired

Data Analysis and Health Report Documentation: Developed proficiency in collecting, organizing, and analyzing public health data to generate reports for decision-making.

Communication and Public Engagement: Gained experience in interacting with the public during outreach programs, enhancing confidence and communication skills.

Understanding of Public Health Policies and Implementation: Learned how government health policies are formulated and executed, providing a broader perspective on health governance.

Problem-Solving in Healthcare Administration: Encountered and addressed challenges related to resource management, data accuracy, and logistical coordination in healthcare service delivery.

Teamwork and Professional Conduct: Collaborated with health professionals, demonstrating adaptability and teamwork in a structured work environment.

3.3 Key Contributions

Assisted in compiling reports on immunization statistics for improved record-keeping and analysis.

Actively participated in a malaria prevention awareness program, reaching hundreds of community members with key health messages.

CHAPTER THREE

OBSERVATIONS AND CONTRIBUTIONS

3.1 Observations During the SIWES program at the Ministry of Health, several key observations were made:

The Ministry plays a critical role in coordinating healthcare services across Osun State.

There is a well-structured system for health data management and reporting, which aids in policy formulation.

Public health programs, such as immunization and maternal care, are given high priority.

Despite the Ministry's efforts, there are challenges in healthcare infrastructure, particularly in rural areas.

There is a need for improved communication between various healthcare departments to enhance service delivery.

3.2 Contributions; Made During the training period, the following contributions were made:

Assisted in compiling reports on immunization statistics for improved record-keeping and analysis.

Participated in public health awareness programs, educating communities on hygiene, family planning, and disease prevention.

Helped streamline the pharmaceutical inventory process to reduce delays in drug distribution.

Conducted research on maternal and child health trends, contributing to policy discussions.

Assisted environmental health officers in conducting inspections to ensure compliance with health regulations.

3.3 Challenges Encountered: Several challenges were faced during the internship, including:

Limited Resources: Some health facilities lacked essential medical equipment and supplies, affecting service delivery.

Data Management Issues: The manual documentation process sometimes led to delays and inconsistencies in data entry.

Infrastructural Deficiencies: Some primary healthcare centers in rural areas were inadequately equipped.

Communication Gaps: Coordination between departments was sometimes inefficient, leading to delays in decision-making.

Public Awareness Barriers: Some community members were resistant to health interventions due to cultural beliefs and misinformation.

3.4 Solutions and Recommendations

Adoption of digital data management systems to improve efficiency and accuracy in health records.

Increased government investment in healthcare infrastructure, particularly in rural areas.

Enhanced interdepartmental communication through regular meetings and collaborative platforms.

Strengthened community engagement strategies to increase public awareness and participation in health programs.

Continuous training and capacity-building programs for health workers to improve service delivery.

CHAPTER FOUR

4.0 CONCLUSIONS AND RECOMMENDATION

4.1 CONCLUSION

My four Months Training at the Ministry of Health, Osogbo

My four-month training as a pharmacy student at the Ministry of Health, Osogbo, was a huge success and a great time of acquiring knowledge and skills. It provided a more practical approach to pharmaceutical knowledge and served as an eye-opener to the scope of hospital pharmacy practice, including its roles and responsibilities in the healthcare system at large.

Through my training, I was able to appreciate my chosen course of study (Pharmacy) even more because I had the opportunity to blend theoretical knowledge acquired from school with practical hands-on application. This knowledge enabled me to intervene in patient-related clinical problems, contributing to my productivity within the organization. My training gave me a broader view of the importance and relevance of pharmacy in both the hospital and the immediate society. I now look forward to joining my future colleagues in positively improving the pharmacy profession after graduation.

A wide variety of experiences was acquired in relation to prescription interpretations and assessments, drug interactions, pharmaceutical care, and dispensary duties. I also improved my communication and presentation skills, which helped me develop good relationships with pharmacists, interns, and most importantly, patients. Additionally, I was able to appreciate the connection between my course of study and other health-related disciplines in achieving the common goal of patient-centered care.

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