



**TECHNICAL REPORT ON
STUDENTS INDUSTRIAL WORK EXPERIENCE SCHEME
(S.I.W.E.S)**

**HELD AT
MINISTRY OF WORKS AND TRANSPORT, VEHICLES INSPECTION
OFFICER (VIO), ILORIN, KWARA STATE.**

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PREFACE

This Student Industrial Work Experience Scheme (SIWES) report provides a comprehensive account of my four-month industrial training at the Ministry of Works and Transport, Vehicles Inspection Officer (VIO), Ilorin, Kwara State. The report details my experiences, the tasks I was assigned, the challenges encountered, and the skills acquired during the program. The purpose of this report is to document the practical knowledge and insights gained through the SIWES program, which serves as a bridge between academic studies and real-world applications. The training enhanced my understanding of vehicle inspection procedures, transport management policies, and road safety regulations, all of which are essential to my field of study. This report is structured into five chapters. Chapter One provides an introduction to SIWES, including its history and objectives. Chapter Two offers an overview of the Ministry of Works and Transport, VIO unit, including its organizational structure. Chapter Three highlights my work experience, including responsibilities and challenges. Chapter Four examines the impact of the training on my academic and career development. Finally, Chapter Five presents conclusions and recommendations for future improvements. I appreciate the opportunity to have participated in this training and acknowledge the support of my supervisors, lecturers, and colleagues who contributed to my learning experience.

DEDICATION

This report is dedicated to Almighty Allah for giving me wisdom, knowledge and understanding through the course of study.

It is equally dedicated to my loving parents Mr. and Mrs. **ADEWUMI** for their moral and financial support and my siblings.

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My profound gratitude to Almighty God the giver and taker of life for keeping me alive and also my parent or their support and care towards the completion of my SIWES program. I pray you eat the fruit of your labor and also my regards to all my brothers and sisters, for their support and also to all my friends for their support throughout my SIWES program and their advice.

I appreciate the head of News department for his words of wisdom and advice. He help me know what it's takes to be a journalist and also show me some tips ho to file a story.

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CHAPTER ONE

1.1 INTRODUCTION

The Student Industrial Work Experience Scheme (SIWES) is a program designed to expose students to practical work experience in their respective fields of study. It bridges the gap between theoretical classroom knowledge and real-world applications. This report outlines my four-month industrial training experience at the Ministry of Works and Transport, Vehicles Inspection Officer (VIO), Ilorin, Kwara State. The training focused on vehicle roadworthiness inspection, traffic law enforcement, and transport administration.

The Vehicles Inspection Office (VIO) plays a crucial role in ensuring roadworthiness, enforcing transportation regulations, and enhancing road safety. My training covered various aspects of vehicle inspection, transport management, and law enforcement in road traffic operations.

1.2 HISTORY OF SIWES

The Student Industrial Work Experience Scheme (SIWES) was established in 1973 by the Industrial Training Fund (ITF) to address the lack of practical experience among students in Nigerian tertiary institutions. It was created to ensure that students gain relevant industry-based skills before graduation, preparing them for employment in their respective fields. Over the years, SIWES has become an essential part of the curriculum for students in engineering, sciences, technology, and management-related disciplines.

Before the establishment of the scheme, there was a growing concern among the industrialists that graduates of institutions of higher learning lacked adequate practical background studies preparatory for employment in industries. Thus the employers were of the opinion that the theoretical education going on in higher institutions was not responsive to the needs of the employers of labour.

As a result of the increasing number of students' enrolment in higher institutions of learning, the administration of this function of funding the scheme became enormous, hence ITF withdrew from the scheme in 1978 and was taken over by the Federal Government and handed to National Universities commission (NUC), National Board for Technical Education (NBTE) and National Commission for Colleges of Education (NCCE). In 1984, the Federal Government reverted back to ITF which took over the scheme officially in 1985 with funding provided by the Federal Government.

1.3 OBJECTIVES OF SIWES

The primary objectives of SIWES include:

1. To expose students to real-life industrial and professional work environments.

2. To provide an opportunity for students to apply theoretical knowledge in practical settings.
3. To equip students with relevant technical and managerial skills.
4. To familiarize students with workplace ethics, culture, and safety regulations.
5. To enhance students' employability by bridging the gap between academic learning and industry expectations.

1.4 OBJECTIVES OF ESTABLISHMENT

The establishment of SIWES aims to:

1. Strengthen the link between tertiary institutions and industries.
2. Encourage research and innovation through hands-on training.
3. Develop skilled professionals in various sectors of the economy.
4. Support national economic growth by producing job-ready graduates.
5. Foster collaboration between industries and academic institutions to improve curriculum relevance.

CHAPTER TWO

OVERVIEW OF THE ORGANIZATION

2.1 HISTORY OF MINISTRY OF WORKS AND TRANSPORT, VEHICLES INSPECTION OFFICER (VIO), ILORIN

The Ministry of Works and Transport is a government body responsible for infrastructural development, road maintenance, and traffic regulation in Kwara State. The Vehicle Inspection Office (VIO) operates under the ministry, ensuring road safety and enforcing vehicle compliance with state and federal traffic laws. The VIO office opposite A-Division in Ilorin has been a key regulatory body for many years, working closely with law enforcement agencies such as the Federal Road Safety Corps (FRSC) and the Nigeria Police Force to enhance road safety.

2.2 ORGANIZATIONAL STRUCTURE

The VIO unit operates within a structured hierarchy to ensure efficient service delivery. The structure includes:

1. **Director of Transport** (Oversees the entire transport division)
2. **Chief Vehicle Inspection Officer (CVIO)** (Heads the VIO department)
3. **Senior Vehicle Inspection Officers (SVIOs)** (Supervise various operational activities)
4. **Vehicle Inspection Officers (VIOs)** (Perform vehicle inspections and enforcement duties)
5. **Administrative and Support Staff** (Handle documentation and public inquiries)

2.3 DESCRIPTION OF THE ORGANIZATION

The Ministry of Works and Transport is responsible for infrastructure development, road maintenance, and transport regulation in Kwara State. The Vehicle Inspection Office (VIO) operates under the ministry to ensure compliance with traffic laws and standards.

Functions of VIO

1. **Vehicle Roadworthiness Inspection:** Checking vehicles for compliance with safety standards.
2. **Issuance of Roadworthiness Certificates:** Certifying vehicles that meet legal requirements.
3. **Driver Licensing Support:** Conducting driving tests and verification.
4. **Traffic Law Enforcement:** Ensuring drivers adhere to traffic regulations.
5. **Public Awareness Campaigns:** Educating road users on traffic laws and safety measures.

CHAPTER THREE

WORK EXPERIENCE DURING SIWES

3.1 TASKS AND RESPONSIBILITIES

During my four-month industrial training, I was exposed to various tasks, including:

1. **Vehicle Roadworthiness Inspection:** I assisted in checking the functionality of vehicle lights, brakes, tires, emissions, and other safety components. I also learned how to identify faulty vehicles and recommend necessary repairs.
2. **Registration and Documentation:** I participated in recording vehicle details for roadworthiness certification. I assisted in verifying and processing vehicle papers.
3. **Driver License Verification:** I observed the process of conducting driving tests for new applicants. I helped verify documents and cross-check information in the licensing database.
4. **Public Sensitization on Road Safety:** I assisted in organizing public awareness campaigns on safe driving practices. I attended workshops on transport safety management.
5. **Traffic Law Enforcement:** I accompanied VIO officers on routine patrols to check for non-compliance. I observed how erring drivers were fined or instructed to rectify their vehicle faults.

3.2 CHALLENGES ENCOUNTERED

During my training, I faced several challenges, including:

1. **Limited Technological Integration:** Most vehicle inspections were done manually, making the process slow.
2. **Resistance from Road Users:** Some vehicle owners resisted inspections and attempted to evade compliance.
3. **Harsh Weather Conditions:** Fieldwork was sometimes difficult due to extreme weather conditions.
4. **Limited Access to Some Operational Units:** Due to security and administrative restrictions, I was unable to access certain high-level operations.

3.3 SKILLS ACQUIRED

My experience at VIO provided me with practical knowledge in transportation planning and management. Some key takeaways include:

1. **Technical Knowledge:** I gained the understanding of vehicle safety requirements and roadworthiness standards. I learnt how to conduct a proper vehicle inspection.

2. **Administrative Skills:** I was exposed to record-keeping, documentation, and data management. I had the understanding on how the process of issuing transport permits and licenses are done.
3. **Traffic Regulation and Law Enforcement:** I gained insight into how transport laws are enforced in Kwara State. I learnt about common traffic offenses and their penalties.
4. **Teamwork and Communication:** I improved in my communication skills through interactions with officers and vehicle owners. I learned how to work efficiently in a government agency environment.

CHAPTER FOUR

IMPACT OF SIWES ON MY CAREER

4.1 RELEVANCE TO MY ACADEMIC DISCIPLINE

My industrial training experience at VIO significantly complemented my studies in Transportation Planning & Management by providing hands-on exposure to:

- Transport law enforcement and compliance procedures.
- Vehicle inspection techniques and safety assessment.
- The administrative aspects of transport regulation.

4.2 FUTURE CAREER PROSPECTS

This training has expanded my career possibilities in:

1. **Transport Safety Management:** Enforcing road safety measures and vehicle compliance.
2. **Traffic Law Enforcement:** Working with agencies like VIO, FRSC, or the Nigeria Police.
3. **Fleet Management:** Overseeing vehicle maintenance and operational efficiency for organizations.
4. **Public Transport Planning:** Engaging in policy-making and transport system improvements.

CHAPTER FIVE

CONCLUSION AND RECOMMENDATIONS

5.1 CONCLUSION

The SIWES program was an enriching experience that provided me with practical insights into transportation management, vehicle inspection, and traffic regulation. The knowledge and skills gained will be instrumental in my professional growth and career aspirations.

5.2 RECOMMENDATIONS

1. **Technological Integration:** The government should invest in modern vehicle diagnostic tools to improve efficiency.
2. **Enhanced Public Awareness:** More sensitization campaigns should be conducted to educate road users on safety.
3. **Increased Training for SIWES Students:** Future students should be exposed to advanced transport management systems and given more practical responsibilities.
4. **Stronger Law Enforcement:** There should be stricter measures against non-compliant road users to improve road safety.