



**TECHNICAL REPORT ON STUDENT INDUSTRIAL WORK  
EXPERIENCE SCHEME (SIWES)**

**HELD AT**

**GOD'S HERITAGE ENTERPRISES, AKURE,  
ONDO STATE**

**BY**

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**ND/23/COM/PT/0058**

SUBMITTED TO DEPARTMENT OF COMPUTER SCIENCE INSTITUTE OF  
INFORMATION AND COMMUNICATION TECHNOLOGY (IICT) KWARA  
STATE POLYTECHNIC, ILORIN  
IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
NATIONAL DIPLOMA (ND) IN COMPUTER SCIENCE

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## **DEDICATION**

This report is dedicated to Almighty God for His divine mercy on me and my family who has given me the strength, wisdom, knowledge and understanding in working toward my success, I also dedicate this report to my parent and the family for their support and to my supervisor for the success of this report.

## **ACKNOWLEDGEMENT**

To God who owns life, I wish to express my sincere appreciation and gratitude for seeing me throughout my duration in Kwara State Polytechnic and for making my vision come to reality, also for His Goodness, Mercy, Provision and Grace upon my life.

My profound gratitude goes to my sincere appreciation goes to My Dear Parent Mr. and Mrs. KOLAWOLE may God be with you.

My special thanks goes to the head of Department and the Entire staff of computer science department, institute of information and communication technology, Kwara State Polytechnic for sharing wealth of experience with me in my course of study.

Furthermore, thanks goes to my honorable and diligent supervisor for his advice, guidance and adequate encouragement relish from him which has contribute in no small measure to the success of completion of this report.

Finally, my sincere gratitude also goes to my lovely friend both within and outside the institution,

## **ABSTRACT**

This report gives a good account of the training and experience which exposed student during the student industrial work experience (SIWES) at God Grace Computer Center.

## **CHAPTER ONE**

### **1.1 INTRODUCTION**

This program called (SIWES) student industrial work experience scheme is compulsory to all ND1 student who offer science course or any other practicable course. It enables student to have the experience of the aspect which have been taught in school. It is a program that takes up to four month in which student are expected to be able practices what they are taught.

### **1.2 AIMS AND OBJECTIVES OF SIWES**

The student industrial work experience scheme (SIWES) can be define as a technical skills and acquisition of knowledge from the organization, industrial sector. It is also serving as the complement the learning which student have acquired in the classroom or theoretically.

The objective of the student industrial work experience scheme is as follow

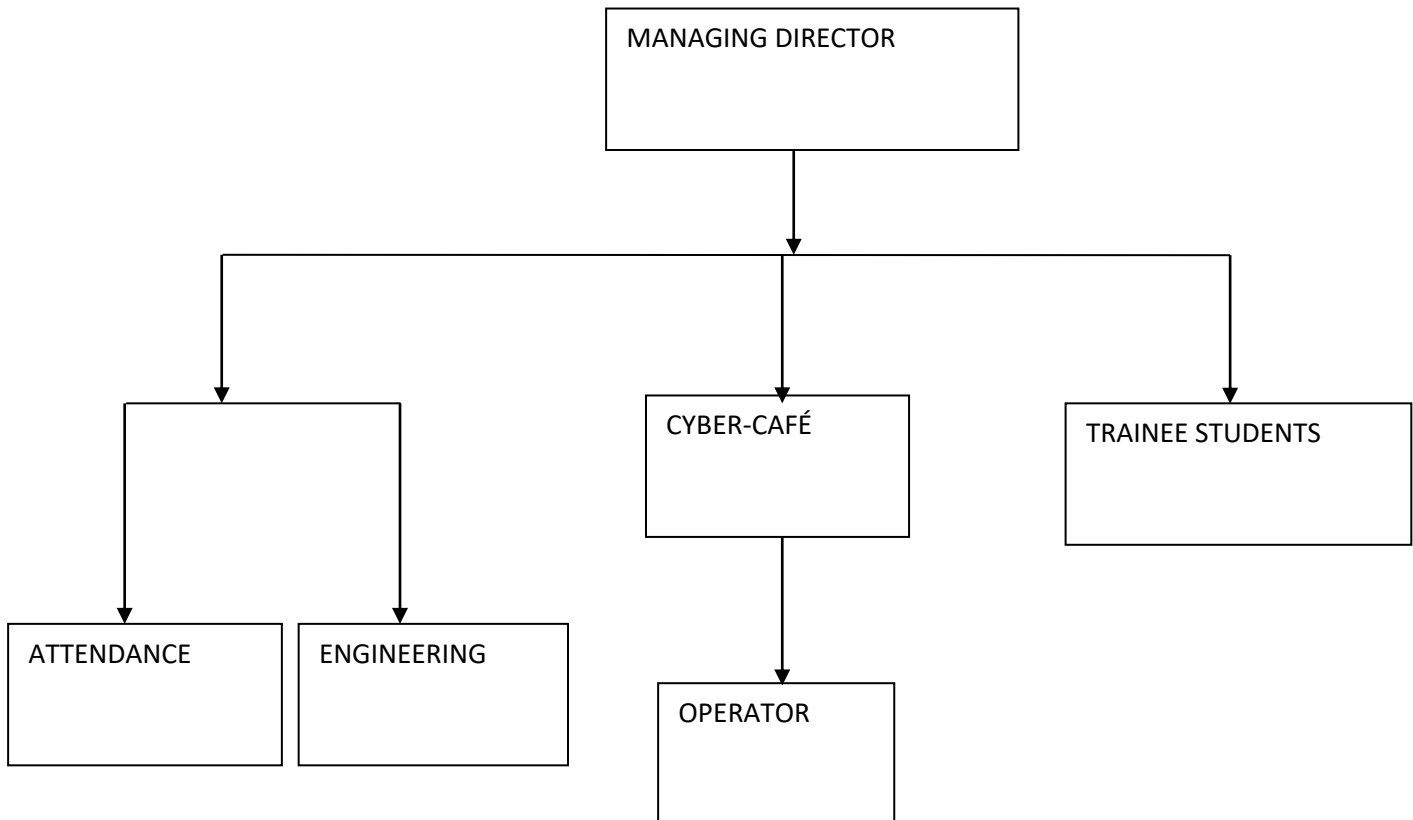
- It enables the student to practically different test from what they learnt theoretically in the classroom.
- It also enlighten student to various s division of industrial or organization of work in which the course of study can be radicalized.
- It relate the student to the labor market and how it being operated.
- To enable student to defend his or her self in anywhere he or she found itself.

### 1.3 HISTORICAL BACKGROUND OF THE ORGANIZATION

The name of the organization is Cornerstone Information Technology. It is located at 18 simbiat, abiola formerlyly medical road ikeja lagos

The organization was established in the year 2000 under the leadership of Mr. Bamidele Temidayo Thomas. Its primary objective is to provide quality training for SIWES students, institutional learners, and individuals in networking and other IT-related fields. Through hands-on experience and practical knowledge, the organization ensures that trainees gain in-depth expertise beyond what is taught in their respective institutions.

### 1.4 ORGANIZATION CHART



## **1.5 MAJORACTIVITIES OF THE ORGANIZATION**

The major activity of the organization is operating of cyber-café, troubleshooting of system, of system, working on Microsoft Word and also students teaches about computers in general. The organization also accommodate SIWES student.

Other activities performed by the organization are:

1. The organization based on graphic design and internet application.
2. The organization also based on training student in practical aspect.
3. The organization also goes about installation of software.



## **CHAPTER TWO**

### **2.1 SECTION/UNITS OF THE ORGANIZATION AND THEIR SPECIFIC FUNCTION**

Trainee is applicable to all various sections in the organization such as photocopying of document, typing in Microsoft word and laminating and lots more.

### **2.2 STUDENTS INVOLVEMENT AT VARIOUS SECTION/UNIT**

Student performed well in the section which he found himself in such as typing, photocopying and taking lesson about the computer peripherals.

### **2.3 INTERPERSONAL RELATIONSHIPS WITH THE ORGANIZATION**

Pertaining to interpersonal relation there was cordial and sustained relationship among the staff, manager and the SIWES students.

## **CHAPTER THREE**

### **3.0 WORK ACTIVITIES AND EXPERIENCE GAINED**

**Week 1: Computer Hardware and Troubleshooting**  
I learned about basic computer troubleshooting, hardware components, and motherboard structures. Hands-on experience included diagnosing system issues, updating drivers, and configuring software installations.

**Week 2: Firmware, System Diagnostics, and Hardware Components**  
Gained knowledge of UEFI firmware, electronic components, and memory types. Practical experience included using Windows Device Manager for diagnostics and troubleshooting.

**Week 3: Hardware Maintenance and Storage Management**  
Explored storage devices (HDDs, SSDs, NVMe) and power management. Gained experience in troubleshooting power supply issues and system overheating.

**Week 4: Troubleshooting, Networking, and Software Configuration**  
Developed diagnostic skills, resolved hardware issues, and replaced faulty components. Learned firewall protection, router setup, and wireless security measures.

**Week 5: Application Installation and Peripheral Management**  
Installed software applications, configured startup settings, and troubleshooted compatibility issues. Gained experience in processor installation and Microsoft/Google software tools.

**Week 6: Motherboard Installation and Laptop Troubleshooting**  
Learned motherboard installation techniques, system diagnostics,

and driver updates. Hands-on training in DirectX diagnostic tools and hardware repairs.

**Week 7: System Ports, BIOS, and CMOS Settings**  
Studied system ports, BIOS functions, and troubleshooting tools like Windows Event Viewer. Gained knowledge of updating drivers and CMOS settings.

**Weeks 8–10: Graphic Design and Web Development**  
Acquired skills in CorelDRAW, color theory, and layout design. Learned about branding, print design, and UI/UX principles. Explored web design fundamentals, responsive layouts, and vector graphics.

**Weeks 11–16: Advanced Graphic Design and Presentation Techniques**  
Practiced CorelDRAW and Photoshop, focusing on text formatting, layering, and object manipulation. Transitioned to PowerPoint for professional presentation designs.

**Weeks 17–19: System Maintenance and Technical Support**  
Enhanced troubleshooting skills, performed system backups, and installed software for optimal performance. Assisted users with technical support and configured network settings for stable connectivity.

## **CHAPTER FOUR**

### **4.1 CONCLUSION**

In conclusion, student industrial work experience scheme program (SIWES) has given the opportunity to have at least some knowledge about my course of study and program has provided me an abridgement of gap.

### **4.2 PERSONAL IMPERSSION ABOUT THE ORGANIZATION**

Though the organization is a growing firm, yet it is of standard. It is standard enough to impact great and immeasurable knowledge to students who have chosen computer science as a field of study.

### **4.1 RECOMMENDATION**

I hereby recommend that the school management should promote proper orientation on the program for the student who lacks it for high rate of student un-involvement.

I will be glad if the programmer student industrial training experience scheme (SIWES) period is extended more than four months, so that the student might have enough time to learn practical aspect of what have learnt in their various institutions.