**R060/01**

**BABCOCK UNIVERSITY**

**TECHNICAL REPORT ON THE INDUSTRIAL TRAINING**

**PROGRAMME**

**AZIZA DESIGN LIMITED**

**TO THE DEPARTMENT OF COMPUTER SCIENCE**

**SCHOOL OF COMPUTING AND ENGINEERING SCIENCES**

**BABCOCK UNIVERSITY, ILISHAN –REMO,**

**OGUN STATE, NIGERIA.**

**EPELLE ESTHER CHIAMAKA**

**14/0396**

**COMPUTER SCIENCE**

**AUGUST, 2017**

R060/02

This is to certify that I, EPELLE ESTHER CHIAMAKA, hereby declare that the information in this report was written by me. It is true that I did the student industrial work experience scheme(SIWES) otherwise known as Industrial Training (IT) between 17th of May, 2017 and 31st of August,2017.

Student’s Matric no: 14/0396.

Student’s Signature: ……………………………………

SIWES Coordinator/Supervisor…………………………….

Oral IT-Defense Coordinator………………………………..

SIWES Class Code: R060

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Company Website: [www.azizadesign.com](http://www.azizadesign.com)

Staff strength (Number of staff): 10

Name of Industry Based Unit Head (immediate supervisor): Mrs Ebojie

Mobile number (supervisor): …………………………………………..

R060/03

ACKNOWLEDGEMENT

My appreciation goes to the Industrial Training Fund for their foresight in putting this program in place.

I am grateful to AZIZA for providing me with the necessary skills to be exposed in my field.

I also want to say a big thank you to my Industry based Supervisor Mr. Maxwell and Mrs. Ebojie and my able colleague for making my stay at AZIZA an exciting and blissful one.

To my parents & siblings thank you all for your moral and financial support. I cannot wish for a better family.

I am deeply indebted to God Almighty, the giver of all wisdom, knowledge and understanding without whom I would have achieved nothing at all.

Finally to my institution based supervisor for his support and to my other friends and colleagues. Thank you all, I am highly grateful.

R060/04

TABLE OF CONTENT

Cover Page

Title page……………………………………………………………………………………..1

Certification…………………………………………………………………………………..2

Acknowledgement……………………………………………………………………………3

Table of Content………………………………………………………………………………4

CHAPTER ONE: INTRODUCTION OF SIWES

1.0 About SIWES……………………………………………………………….

* 1. Brief history of SIWES………………………………………………………
  2. Bodies involved in SIWES…………………………………………………..
  3. Aims and Objectives of SIWES……………………………………………..
  4. Benefits of Industrial Training. …………………………………………….

1.5 Description of the establishment of the attachment………………………..

CHAPTER TWO: COMPANY PROFILE

2.1 Objectives of AZIZA DESGN………………………………………………………

2.2 The Vision of AZIZA DESIGN……………………………………………………

2.3 The Mission Statement of AZIZA DESIGN………………………………………..

2.4 Company Area of Specialization…………………………………………………..

2.5 Departments in the Company……………………………………………………….

2.6 Types of Client………………………………………………………………………

CHAPTER THREE: RESPONSIBILTIES AND PARTICIPATION

3.1 Personal input to the company (AZIZA DESIGN)…………………………………..

3.2

3.3

3.4

3.5

CHHAPTER FOUR: WORK EXPERIENCE AND KNOWLEDGE GAINED

4.1 Web design department…………………………………………………………….

4.2 Definition of terms………………………………………………………………….

4.3 HTML and its properties……………………………………………………………

4.4 CSS and its properties…………………………………………………………………

4.5 Website design using HTML and CSS………………………………………………..

4.6 JAVASCRIPT and its properties……………………………………………………..

4.7 JAVASCRIPT work using HTML, CSS, and JAVASCRIPT………………………..

4.8 Challenges faced……………………………………………………………………..

CHAPTER FIVE: SUMMARY AND CONCLUSION

5.1 Summary………………………………………………………………………………..

5.2 Conclusion…………........................................................................................................

CHAPTER ONE

INTRODUCTION

1. ABOUT SIWES:

The name “SIWES” is commonly to tertiary institutions which run courses that involve industrial training programmes. SIWES is a short word for “Student Industrial Work Experience Scheme”. According to the National Universities Commission (NUC), SIWES is the accepted skills training programme which forms part of the approved minimum Academics Standards in the various degree programmes for all Nigerian by making it possible for student to get themselves exposed to “real jobs” and actual job situations and environment. The main objective of the programme is to bridge theory with practice.

* 1. BRIEF HISTORY:

SIWES was established by ITF (Industrial Training Fund) in 1973 to solve the problem of lack of adequate practical skills preparatory for employment in industries by Nigerian graduates of tertiary institutions. The scheme exposes student to industry based skills necessary for a smooth transition from the classroom to the world of work. It affords students of tertiary institutions the opportunity of being familiarized and exposed to the needed experience in handling machinery and equipment which are usually not available in the educational institutions. Participation in SIWES has become a necessary pre-condition for the award of Diploma and Degree certificates in specific disciplines in most institutions of higher learning in the country, in accordance with the education policy of government.

* 1. BODIES INVOLVED IN SIWES:

The main bodies involved in Student Industrial Work Experience Scheme are;

The tertiary institutions and the federal Government through the Industrial Training

Fund (ITF).

Others supervising agencies include;

1. National University Commission (NUC)
2. National Board for Technical Education (NBTE)
3. National Counsel for Colleges for Education (NCCE)
4. Industrial/ Employers (NECA, NACCIMA, MAN, Government Establishment)
5. Tertiary Institutions ( Universities, polytechnics, Colleges of Education)
6. Student Trainees (Engineering, Science, Technology, NCE Technical).

The functions of these agencies above are to:

1. Ensure adequate funding of the scheme.
2. Establish SIWES and accredit SIWES unit in the approved institutions.
3. Formulate policies and guild line for participating bodies and institutions as well as appointing SIWES coordinators and supporting staffs.
4. Supervise students at their places of attachment and sign their log book and ITF form.
5. Vet and process students Log books and forward same to ITF area office
6. Ensure payment of all allowances for the students and supervisors.
   1. AIMS AND OBJECTIVES OF SIWES:

The specific objectives of SIWES were summarized by the federal government as follows;

1. To provide students with an opportunity to apply their knowledge in real work and actual practice.
2. To make the transition from school to the world of work easier and to enhance students contacts for later job placement.
3. Advance countries, with over 100 years of sustained industrial development and requisite technical and human infrastructure, have been able to adequately implement industrial training for their students.
4. They also include providing a structural attachment program with emphasis applications, management and hands-on experience for students to apply knowledge acquired.
5. It also aids students to acquire practical skill in order to strengthen their work value.
6. Moreover it helps them to gain interpersonal and entrepreneurial skills and also instill in them the right kind of work altitude and professionalism through interactions with peoples in the organizations and observations of their future role in the tertiary.
   1. BENEFITS OF INDUSTRIAL TRAINING:

Experts identified industrial experience as necessity for proper job preparation. This is because productivity is enhanced by experience graduate or new entrance into the world of wok really needs and early exposure to the value and skills of the industry. Therefore, without appropriate skills and experiences young graduates are not properly trained on work, norms and role behavior among others, these components will ensure success at the job place.

Today Information and Communication Technology (ICT) is changing the way many jobs are performed, thus altering the knowledge and skills required of workers. Consequently, a new level of competency is required of our students. This cannot be sufficiently met by training facilities in our education institutions hence, the need for collaborative effort between institutions and industrial sector.

The major benefits accruing to student who participate conscientiously in industrial training are the skills and competencies they acquire. These relevant production skills (RPSs) remain a part of the recipients of industrial training as lifelong assets which cannot be taken away from them this is because the knowledge and skills acquired through training are internalized and become relevant when required to perform jobs or functions. Several other benefits can accrue to students who participate in industrial training. Provision of an enabling environment where students can develop and enhance personal attributes such as critical thinking, creativity, initiative, resourcefulness, leadership, time management, presentation skills and interpersonal skills, amongst others.

* 1. DESCRIPTION OF THE ESTABLISHMENT OF THE ATTACHMENT