



**KWARA STATE POLYTECHNIC, ILORIN**

**INSTITUTION OF INFORMATION COMMUNICATION AND TECHNOLOGY**

**STUDENT INDUSTRIAL WORK EXPERIENCE SCHEME [SIWES]**

**HELD AT**

**BIODUN COKER FOUNDATION,**

**BALOGUN LAGOS ISLAND, LAGOS STATE.**

**BY**

**OWOLABI MUIZ AYINDE**

**ND/23/COM/PT/0306**

**A SIWES REPORT SUBMITTED TO THE POLYTECHNIC, KWARA**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF NATIONAL  
DIPLOMA [ND] IN THE DEPARTMENT OF COMPUTER SCIENCE**

**2023/2024**

## CERTIFICATION

This is to certify that **OWOLABI MUIZ AYINDE** with matriculation number **ND/23/COM/PT/0306** undergoes his industrial training **SIWES** at **BIODUN COKER FOUNDATION, BALOGUN LAGOS ISLAND, LAGOS STATE** .In partial fulfillment of the award of national diploma (ND) in computer science, kwara state polytechnic ilorin, undersigned by following people:

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**MR. ABDULKAREEM**  
**SIWES SUPERVISOR**

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**DATE**

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**MR ABIODUN E.T**  
**SIWES DIRECTOR**

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**DATE**

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**MR OYEDEPO FEMI S.A**  
**HEAD OF DEPARTMENT**

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**DATE**

## **DEDICATION**

This SIWES report is dedicated to GOD Almighty, Mr. & Mrs.Owolabi. for their spiritual and financial support during my SIWES program.

## **ACKNOWLEDGEMENT**

My appreciation first goes to God almighty, the creator of Heaven and Earth for granting me the grace and privilege to be able to complete this SIWES program successfully and on schedule.

I am also grateful to my industrial based supervisors Mr. Adeleke Azeez. and my tutors, Mr. Micheal Aroloye, and Mrs. Sukurat Abdulrahmon, for their thorough supervision and useful advice which helped and also contributed to the success of the SIWES program. May the almighty God make their days on Earth longer to reap the fruit of their labour to the fullest in ALLAH'S name.

Also I cannot but acknowledge my germane H.O.D, MR OYEDEPO FEMI SAMSON and all the lecturers in the department.

Thanks and GOD bless you all.

## **TABLE OF CONTENT**

<b>Title</b>	<b>Pages</b>
Title page	i
Declaration	ii
Certification	iii
Dedication	iv
Acknowledgement	v
Table of content	vi

## **CHAPTER ONE**

1.0 Introduction	1
1.1 About SIWES	1
1.2 Brief history of SIWES	2
1.3 Aim and objectives of SIWES	3
1.4 Role of student during SIWES	3
1.5 Objectives of the report	4
1.6 Core values	4
1.7 The logbook	

## **CHAPTER TWO**

2.0 Organization Chart	6
2.1 Brief history of the establishment	5
2.2 Vision of the Company	
2.3 Mission of the Company	
2.4 Company Area of Specialization	

## **CHAPTER THREE**

3.0	Siwes industrial work experience scheme	7
3.1	Coreldraw graphic design	10
3.1.1	Logo design in Coreldraw	12
3.1.2	Color management in Coreldraw	14

## **CHAPTER FOUR**

4.0	Recommendation and conclusion	18
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## **CHAPTER ONE**

### **1.0 INTRODUCTION**

This chapter gives a brief history of SIWES, its aims and objectives, as well as a short narrative on my application and posting. It also introduces intelligent solution providers (ISP) of Computer, where I had my SIWES training.

### **1.1 ABOUT STUDENTS INDUSTRIAL WORK EXPERIENCE SCHEME**

The student work experience scheme (SIWES) is a worldwide program practiced in countries like Japan, Australia, USA, Europe, and in African countries too. It is popularly known as co-operative education and referred to as sandwich in Europe. It is a six (6) months students industrial work experience scheme (SIWES) taken in the third year of the degree program, where the students go to various establishments related to their course of study.

The program was initially introduced in Nigeria by the Industrial Training Fund (I.T.F.) which was established under Decree 47 of 1972 by the Supreme Military Council, headed by General Yakubu Gowon. The Decree was billed to take effect from 31<sup>st</sup> March, 1974 and had as its core objective, the gradual reduction of the percentage of foreign participation in most of Nigeria's economic activities, accompanied by a systematic cooperation of locally oriented skilled manpower into the vast economic sector.

One of the key functions of the ITF is to work as cooperative body with industry and commerce where students in institutions of higher learning can undertake mid-career work experience attachment in industries which are compatible with student's area of study. The students Industrial Work Experience Scheme (SIWES) is a skill Training program designed to expose and prepare students for the Industrial work situation which they are likely to meet after graduation. Participation in SIWES has become a necessary pre-condition for the award of diploma and degree certificate in specific disciplines in most institutions of higher learning in the country in accordance with the education policy of government.

### **1.2 BRIEF HISTORY OF SIWES**

The word SIWES (Student Industrial Work Experience Scheme) was introduced by the federal government in the year 1973 to develop the technological, physical and social skill of our nation, through this, adequate and intelligent student are provided the department involved the actual challenge various discipline before they can be awarded as a National Diploma (ND) graduate.

### **1.3 AIMS AND OBJECTIVES OF SIWES**

- Provide an avenue for students in institutions of higher learning to acquire industrial skills and experience in their approved course of study and also by interacting with people with more experience in the field under consideration.
- Prepare students for the industrial work situation which they are likely to meet after graduation.
- Expose students to work methods and techniques in handling equipment and machinery that are mostly not available in their various institutions.
- Provide students with an opportunity to apply their knowledge in real world situation thereby reducing the gap between theoretical knowledge and practical work.
- Enlist and strengthen employers' involvement in the entire educational process and prepare students for employment in Industry and Commerce

### **1.4 ROLES OF STUDENT**

- Attend SIWES orientation programme before going on attachment.
- Comply with the establishment's rule and regulation.
- Arrange living accommodation during the period of attachment.
- Record all training activity done and other assignment in the log book.
- Complete SPEI from ITF, FORM 8 and get it endorsed by the employer for submission to the ITF.

### **1.5 OBJECTIVES OF THE REPORT**

The objectives of the SIWES report are;

- To make through explanation of the work done during my four month industrial training.
- To fulfill the requirement for national diploma in computer science.
- To contribute to the body of knowledge and to enhance the understanding of the writer about a similar or same job.



## **1.6 CORE VALUES**

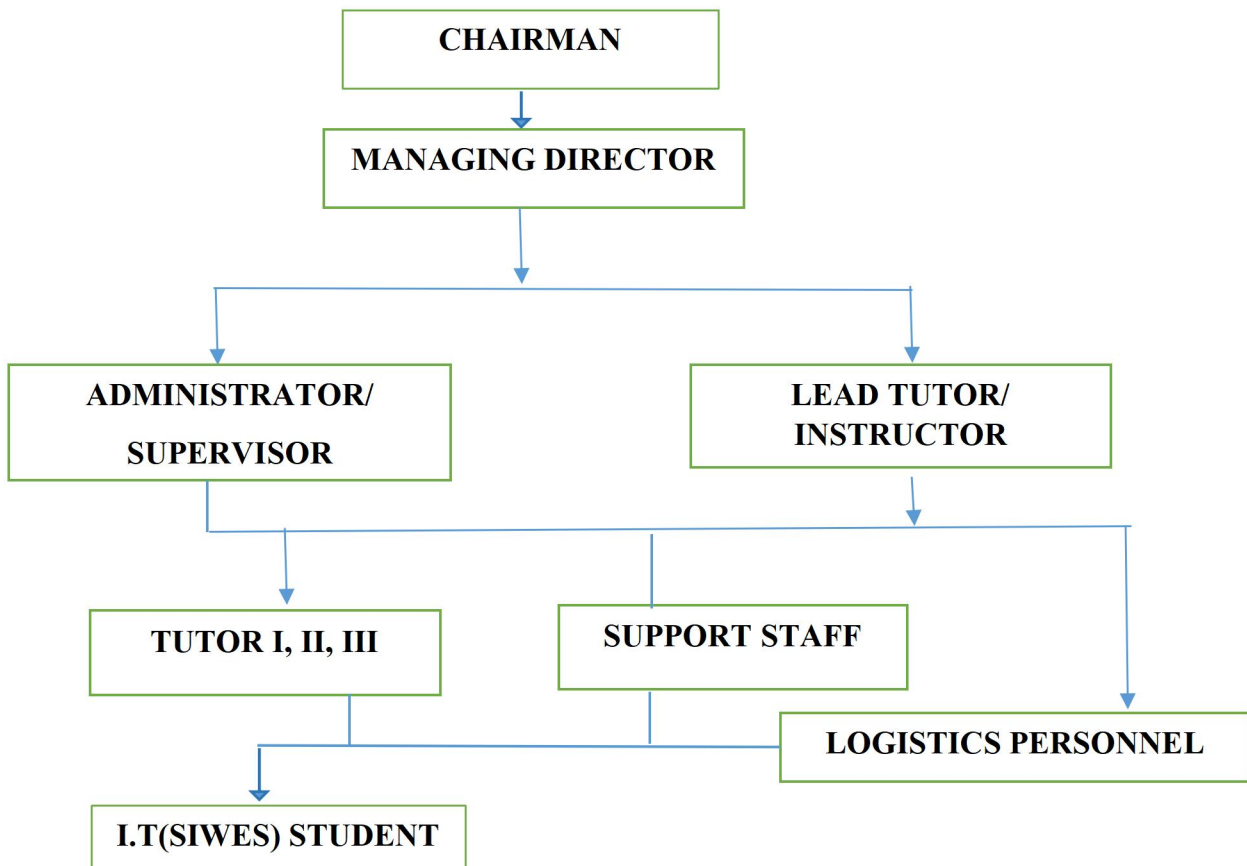
- Integrity
- Services
- Commitment
- Excellence
- Professionalism

## **1.7 THE LOGBOOK**

The [logbook](#) issued to student on attachment by the institution was used to record all daily activities that took place during the period of attachment, and it was checked and endorse by the industry based/institution based supervisors and ITF during supervision.

## CHAPTER TWO

### 2.1 ORGANIZATIONS CHART OF BIODUN COKER FOUNDATION, LAGOS STATE



### 2.2 BRIEF HISTORY OF BIODOUN COKER FOUNDATION

Biodun Coker Foundation (B.C.F) is a forward-looking non governmental organization established in the year 2024. It is founded and managed by Mr. Biodun Coker (F.C.C.A, A.F.A).

It is based in lagos state balogun lagos island. They operate/impact digital knowledge to different individuals from 10years and above.

B.C.F. is focused on developing & empowering lives through digital literacy that is needed for 21<sup>st</sup> century. As an information technology foundation, they build upcoming individuals in skills such as Microsoft office, Cyber security, web design, computer graphics e.t.c.

The foundation is head by the chairman and director next to him, lead tutor and supervisor as well as the administrator.

## **2.3 Vision of the Company**

We encourage a future where digital literacy is a common treasure on Lagos island.

## **2.4 Mission of the Company**

At the Biodun coker foundation, we are breaking down the barriers of the digital divider. We empower our community to navigate and prosper in a world where technology is ever changing.

## **2.5 Company Area of Specialization**

Biodn coker foundation Area of specialization is categorizes into various sections;

1. Computer programming training
2. Office package
3. Graphics design
4. Introduction to web development
5. Introduction to cyber security

## CHAPTER THREE

### 3.0 STUDENT INDUSTRIAL WORK EXPERIENCE SCHEME

#### 3.1 CORELDRAW GRAPHICS DESIGN

Coreldraw is a professional vector graphics editor developed by corel corporation. Coreldraw is widely used by graphics designer, artists, and illustrator to create logos, icons, graphics and illustrations.

Key phases in Coreldraw graphics design:

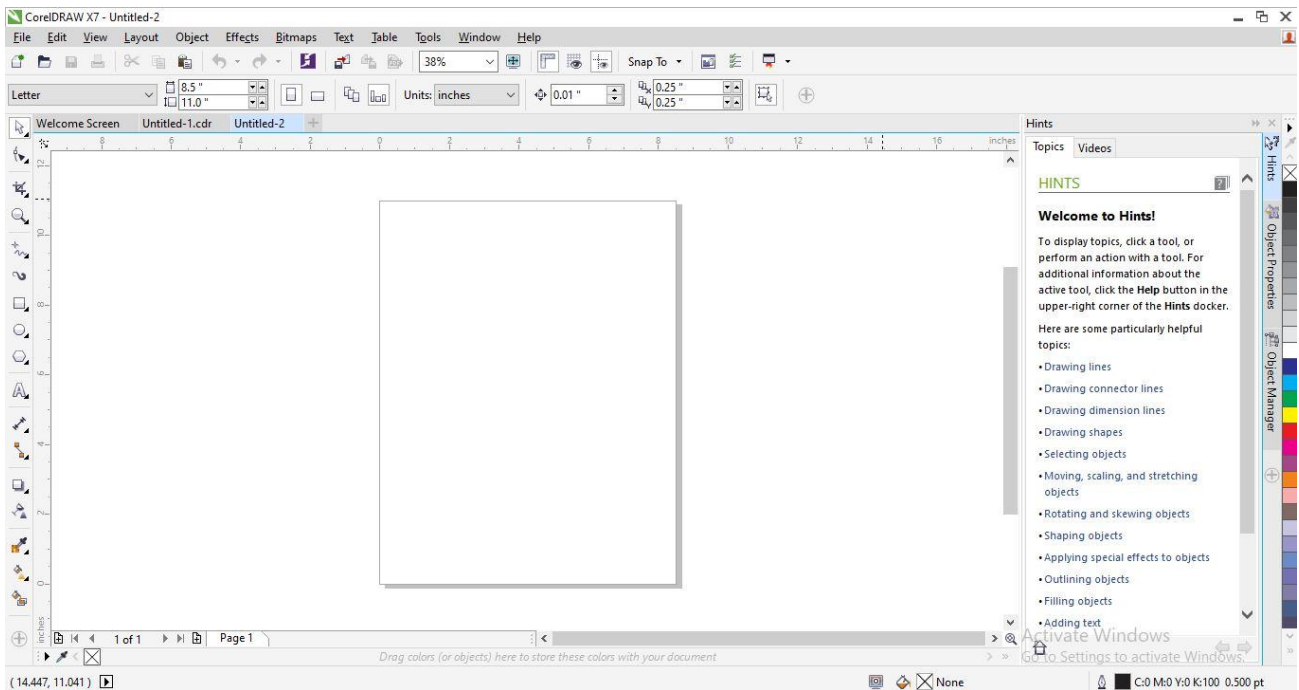
- Vector Graphics editing
- Advanced shape editing
- Precise drawing tools
- Color management
- File compatibility

There are several compatibility of design

1. **Brochures:** Coreldraw can be used to create professional-looking brochures, including design, layout and typography.
2. **Posters:** the software is deal for creating eye-catching posters, including graphics, and image and text.
3. **Signs:** Coreldraw can be used to create signs, including banners, logos, and graphics
4. **Info-graphics:** Coreldraw can be used for creating information and engaging info graphics, including charts, graphs and illustrations.
5. **Web graphics:** Coreldraw can be used to create web graphics, including buttons, icons and graphic.

Most common industry uses of coreldraw are:

- i. Advertising
- ii. Marketing
- iii. Publishing



✓ **FIG1. 3.1.0 CORELDRAW APPLICATION INTERFACE**

### 3.1.1 Logo Design in Coreldraw

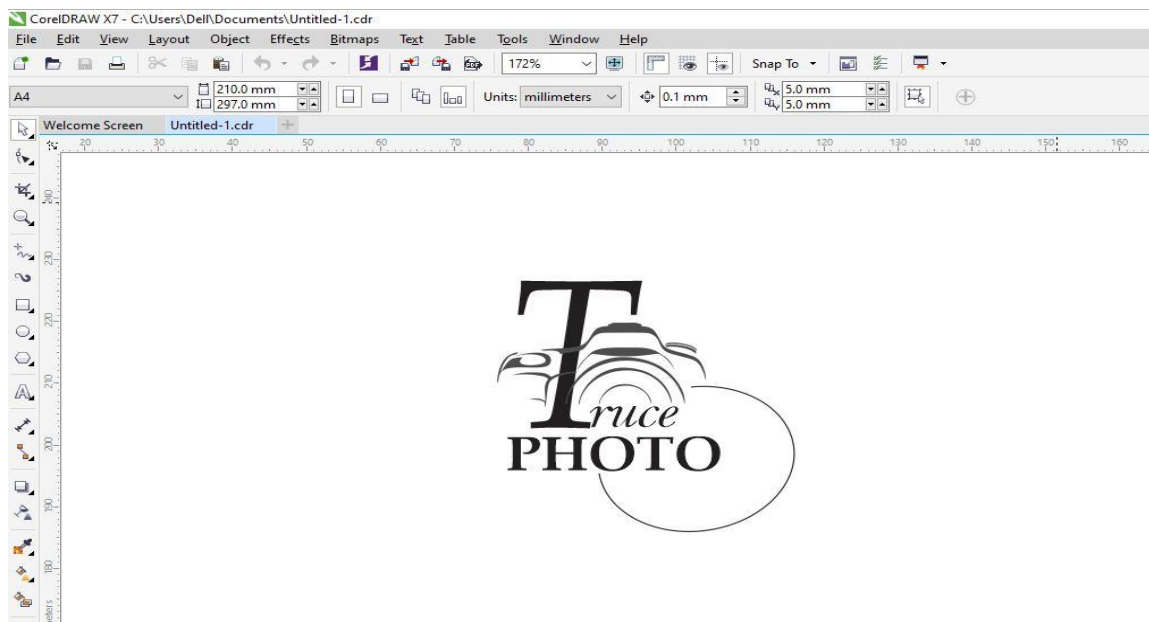
Logo design in Coreldraw refers to the process of creating a visual representation of a brand, company, or organization using the Coreldraw software.

In Coreldraw, logo design involves:

- ✓ **Vector graphics creation:** Using CorelDraw's tools to create original vector shapes, logos, and icons.
- ✓ **Typography manipulation:** Editing and customizing text, fonts, and lettering to create a unique logo.
- ✓ **Color management:** Selecting, creating, and applying colors, gradients, and patterns to enhance the logo's visual appeal.
- ✓ **Composition and layout:** Arranging and balancing logo elements, such as text, icons, and shapes, to create a harmonious design.
- ✓ **Editing and refinement:** Using Coreldraw's tools to edit, refine, and perfect the logo design.

CorelDRAW tools used for logo design

- **Shape Tool:** Creating and editing vector shapes.
- **Text Tool:** Creating and editing text.
- **Node Tool:** Editing and refining vector shapes.
- **Color Palette:** Selecting and creating colors.
- **Layer Manager:** Organizing and managing design elements.



✓ FIG1. 3.1.2 LOGO DESIGN USING CORELDRAW APPLICATION

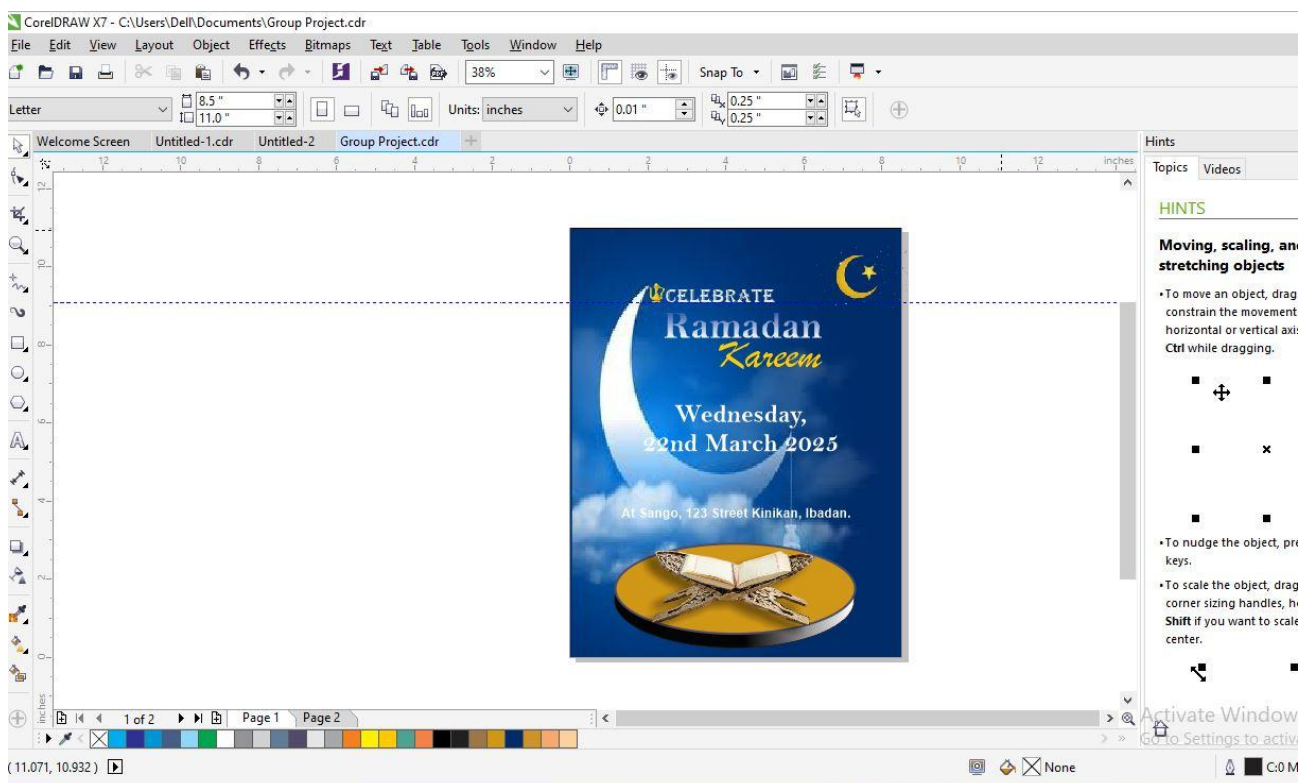


FIG2. 3.1.1 RAMADAN FLYER DESIGN USING CORELDRAW APPLICATION

### 3.1.2 COLOR MANAGEMENT IN CORELDRAW

Color management in Coreldraw refers to the process of selecting, creating and applying colors to ensure accurate and consistent color representation across various devices and media.

Color Management in CorelDraw involves:

- i. **Color Palette:** A dockable windows for creating, editing and applying color palettes.
- ii. **Color Profile Manager:** A dialog box for assigning and managing color profiles.
- iii. **Color Harmony:** A tool for creating color harmonies based on color theory principles.
- iv. **Color Correction:** A feature for adjusting colors to compensate for device or printing differences.

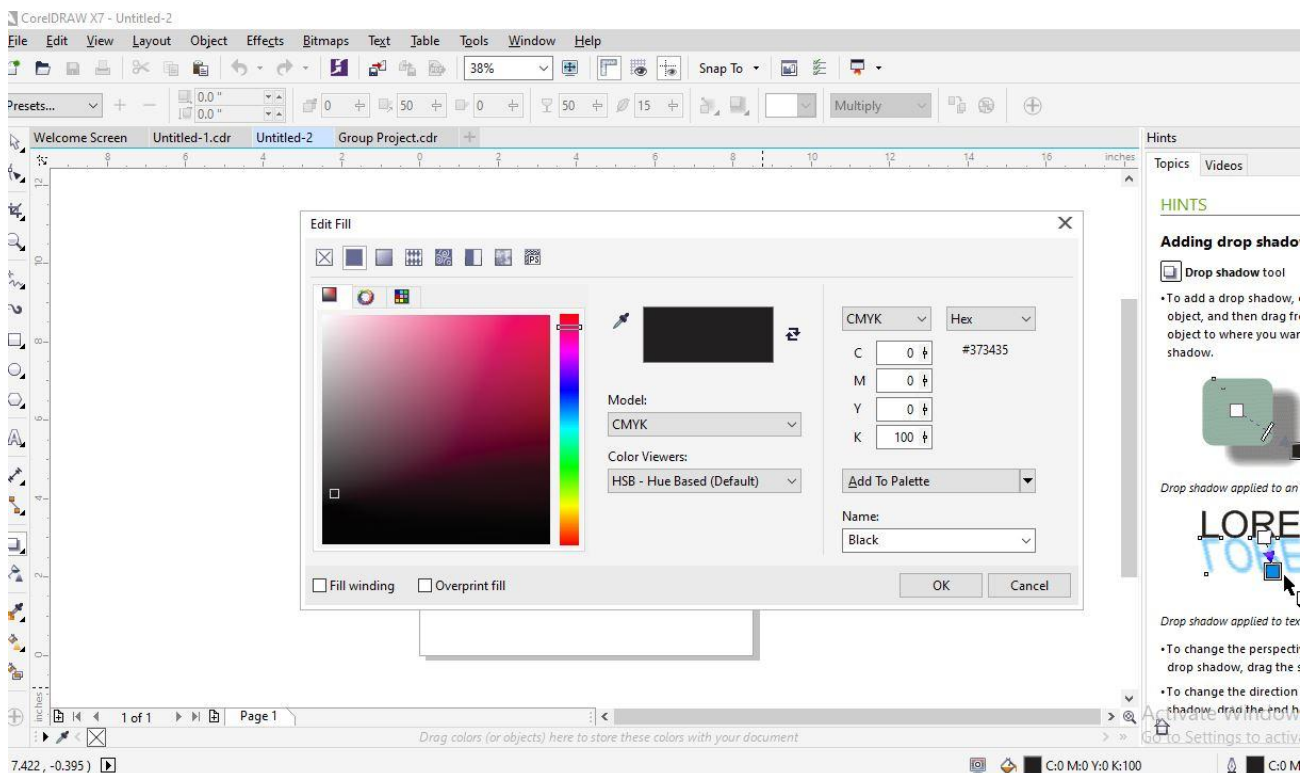


FIG 1. 3.1.3: COLOR PALETTE MODE IN CORELDRAW APPLICATION

## **CHAPTER FOUR**

### **4.0 RECOMMENDATION AND CONCLUSION**

#### **4.1 CONCLUSION**

In respect of the challenges encountered in this SIWES program, there were many things that I have experienced and learned during the four (4) months of my industrial training at BIODUN COKER FOUNDATION, the whole period was very educating, interesting and instructing. Through this training I was able to gain new insight and more comprehensive understanding about the real industry working condition and practice. It has provided me the opportunities to develop and improve my soft and functional skills. All of this valuable experience and knowledge that I have gained were not only acquired through direct involvement in task given but also through other aspect of the training such as work observation, interaction with colleagues, superior, and other people related to the field. From what I have undergone, I am very sure that industrial training program has achieved its entire primary objectives. This program has also prepared student to face the real working life. As a result of the program, now I am more confidence to build my future career.

#### **4.2 RECOMMENDATION:**

1. School should provide a place of attachment for student.
2. Student should be paid monthly in their place of attachment by the SIWES body.
3. Supervisor should always visit student monthly in their various places of attachment.
4. School should always rehearse with industries, firm and companies where the student is doing his/her industrial training to check and improve their facilities.
5. School should organize a seminar for student place of attachment (the industry) to enable effective training of student.
6. Despite the challenges encountered I still wish to recommend my place of attachment (BIODUN COKER FOUNDATION) for schools and student who are yet to undergo their SIWES.