



STUDENTS INDUSTRIAL WORK EXPERIENCE SCHEME
SIWES

**ROLASOFT PROFESSIONAL COMPUTER & IT
COURSES VERSION 2.0 LATEST**

**SIWES Diploma in Ms Ado.Net
Desktop Application Development**

*Become a job-ready Ms.Net Adob Desktop App in
3-6 months!*



Benefits of Studying with RolaSoft

✓ 1. Industry-Relevant Curriculum

Stay ahead with a syllabus designed by industry experts, focused on real-world applications of Ms.Net Adob desktop application.

✓ 2. Hands-On Training

Learn by doing — build real-time projects, full-scale Ms.Net Adob desktop application development.

✓ 3. Experienced Instructors

Gain insights from certified professionals and senior certified ethical hacker with years of teaching and industry experience.

✓ 4. Placement Assistance

Access job support services including resume building, mock interviews, and direct placement opportunities with partner companies.

✓ 5. Flexible Learning Modes

Choose between: **Online**, **Offline (at our center)**, or **Hybrid Classes**

Benefits of Studying with RolaSoft

✓ 6. Mini & Major Projects

Work on individual and group projects to strengthen your portfolio and impress future employers.

✓ 7. Certification Upon Completion

Earn a **Diploma Certificate** from **RolaSoft Technologies**, recognized by IT recruiters and employers.

✓ 8. Small Batch Size

Personalized attention and better interaction in small groups for an enhanced learning experience.

✓ 9. Affordable Fees & Installment Plans

Top-tier training at a reasonable cost, with flexible payment options.

✓ 10. Career-Oriented Skills You'll Gain at RolaSoft Technologies

RolaSoft ensures you're job-ready with the right tech stack and practical knowledge.

SIWES Overview

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SIWES (Student Industrial Work Experience Scheme) is a structured industrial training program designed for students in Nigerian tertiary institutions studying science, engineering, technology, and other professional courses. It is coordinated by the **Industrial Training Fund (ITF)** and serves as a bridge between academic knowledge and practical industry experience.

Typically conducted for a duration of **3–6 months**, SIWES places students in real work environments related to their field of study. During this period, they apply classroom theory to practical tasks and gain firsthand understanding of workplace expectations and professional practices.

Advantages of SIWES to Students

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Hands-On Experience: Provides real-world exposure and practical knowledge in the student's field.

Bridging the Skills Gap: Helps students connect academic theories with industry practices.

Career Readiness: Prepares students for post-graduate employment by developing technical and soft skills.

Professional Networking: Offers opportunities to build relationships with industry professionals.

Improved Employability: Enhances resumes/CVs with relevant work experience that employers value.

Understanding of Workplace Culture: Teaches students workplace ethics, teamwork, and communication.

Opportunity for Future Placement: Sometimes leads to job offers or future internships with the same organization.

SIWES Ms Ado.Net Desktop Application Course Details



Duration

Three-Six (3-6) Months



Schedule

Weekdays / Weekends



Learning Modes

Online, Offline (at our center), or Hybrid Classes



Start Date

New batches start every month — enroll now!



Eligibility

No prior experience required

SIWES Ms Ado.Net Desktop Application – Program Details

Program Overview

This course teaches students how to design, build, and deploy professional **Windows desktop applications** using the **Microsoft .NET platform**, focusing on **Windows Forms (WinForms)** and **Windows Presentation Foundation (WPF)** with **C#**.

It includes user interface design, event handling, database integration, and software packaging, preparing students for enterprise or freelance software development roles.

SIWES Ms Ado.Net Desktop Application - Target Audience & Prerequisites

Target Audience:

- ✓ Students in Software Engineering, Computer Science, or IT programs, especially for SIWES or internships students.

Prerequisites:

- ✓ Basic programming knowledge (preferably C# or Java), familiarity with OOP.

SIWES Ms Ado.Net Desktop Application Course Curriculum

Module 1: Introduction to the .NET Platform

- ✓ Overview of the .NET ecosystem
- ✓ Introduction to Visual Studio IDE
- ✓ C# fundamentals (variables, loops, methods, classes)

SIWES Ms Ado.Net Desktop Application Course Curriculum

Module 2: Windows Forms (WinForms) Development

- ✓ Creating a WinForms project
- ✓ Common controls (buttons, labels, text boxes, combo boxes)
- ✓ Event-driven programming
- ✓ Layout and navigation

SIWES Ms Ado.Net Desktop Application Course Curriculum

Module 3: Advanced UI with Windows Presentation Foundation (WPF)

- ✓ XAML syntax and component binding
- ✓ UI design and styling
- ✓ MVVM (Model-View-ViewModel) pattern basics
- ✓ Animations and control templates

SIWES Ms Ado.Net Desktop Application Course Curriculum

Module 4: File Handling and Local Storage

- ✓ Reading and writing files (text, XML, JSON)
- ✓ Saving application settings
- ✓ Data serialization

SIWES Ms Ado.Net Desktop Application Course Curriculum

Module 5: Database Integration with ADO.NET and Entity Framework

- ✓ Introduction to databases (SQL Server, SQLite)
- ✓ ADO.NET: Connection, Command, DataAdapter
- ✓ Entity Framework basics (Code First, Database First)
- ✓ Performing CRUD operations

SIWES Ms Ado.Net Desktop Application Course Curriculum

Module 6: Error Handling and Application Security

- ✓ Exception handling in C#
- ✓ Input validation and secure data practices
- ✓ User authentication (local login system)

SIWES Ms Ado.Net Desktop Application Course Curriculum

Module 7: Deployment and Packaging

- ✓ Building and compiling .exe files
- ✓ Creating installation packages
- ✓ Versioning and updating
- ✓ Application signing and deployment on Windows

SIWES Final Capstone Project (End of 3-6 Months)

Students will complete an **industry-level project**:

- ✓ Develop a fully functional desktop application (e.g., billing system, hotel booking app, school result manager).

SIWES Ms Ado.Net Desktop Application - Certification Obtain

After completion of the program, the student will be awarded with a certificate:

**SIWES Diploma in Ms Ado.Net Desktop Application
Development**

SIWES Ms Ado.Net Desktop Application - Roles After Completion

Graduates of this course can pursue the following roles:

- ✓ **.NET Desktop Application Developer:** Builds Windows-based GUI software using WinForms or WPF.
- ✓ **C# Software Developer:** Designs and implements software using the .NET ecosystem.
- ✓ **Junior .NET Programmer:** Assists with desktop or enterprise system development projects.
- ✓ **Windows App Developer:** Builds apps specifically for the Windows OS using MS technologies.
- ✓ **Software Support Engineer:** Maintains and troubleshoots desktop-based applications.
- ✓ **IT Systems Developer:** Builds internal tools and utilities for companies.
- ✓ **Freelance Application Developer:** Builds small to mid-size Windows applications for clients or startups.

Rolasoft Technologies Services

Rolasoft Technologies – Services Offered

✓ **SOFTWARE DEVELOPMENT COMPANY**

(MOBILE APPLICATION, WEB APPLICATION, DESKTOP APPLICATION, CUSTOMIZED APPLICATION, E-COMMERCE WEBSITE)

✓ **PROFESSIONAL COMPUTER AND IT EDUCATION**

(TOP-UP PROGRAMS, DIPLOMA PROGRAMS, CERTIFICATE PROGRAMS, TECH @ SCHOOL, CORPORATE PROGRAMS, SIWES PROGRAMS, CUSTOMIZED PROGRAMS)

✓ **DIGITAL ADVERTISING AND BUSINESS BRANDING**

(SOCIAL MEDIA MARKETING, EMAIL MARKETING, CONTENT MARKETING, WEBSITE SEO, BRANDED CLOTHING, STICKERS AND TAG, CUSTOM BRANDING, AND MANY MORE)

✓ **INTERNATIONAL UNIVERSITY ADMISSION PROCESSING**

(AMERICA, UK, CANADA, EUROPE, AFRICA, AND MANY MORE)

Contact & Registration

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 **Enroll Today & Start Your SIWES Ms Ado.Net Desktop
Application Journey!**

Shape your future with SIWES Ms Ado.Net Desktop Application.