



STUDENTS INDUSTRIAL WORK EXPERIENCE SCHEME
SIWES



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

SIWES Diploma in Front-End Web Development

*Become a job-ready Front-End Web 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 Front-End Development.

✓ 2. Hands-On Training

Learn by doing — build real-time projects, full-scale front-end application.

✓ 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 Front-End Web Development 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 Front-End Web Development – Program Details

Program Overview

This **Front-End Development** course provides a comprehensive foundation for building interactive, responsive, and visually engaging websites and web applications. Students will learn how to structure content with HTML, style it using CSS, and add dynamic behavior with JavaScript.

The course also introduces modern tools, libraries (like React), and workflow practices used in professional web development.

SIWES Front-End Web Development - Target Audience & Prerequisites

Target Audience:

- ✓ Students in IT, Computer Science, or related fields (especially during SIWES or internships) interested in becoming web developers or software engineers.

Prerequisites:

- ✓ Basic computer literacy. Programming experience is helpful but not required.

SIWES Front-End Web Development Course Curriculum

Module 1: Introduction to Web Development

- ✓ Web architecture: Client-server model, DNS, hosting
- ✓ Front-end vs. back-end vs. full-stack
- ✓ Tools: VS Code, Chrome DevTools, GitHub

SIWES Front-End Web Development Course Curriculum

Module 2: HTML – Markup Language

- ✓ Basic tags (headings, paragraphs, links, images)
- ✓ Lists, tables, and forms
- ✓ Semantic HTML and accessibility (a11y)

SIWES Front-End Web Development Course Curriculum

Module 3: CSS – Styling the Web

- ✓ Selectors, colors, fonts, margins, paddings
- ✓ Box model and positioning
- ✓ Flexbox and Grid layout
- ✓ Media queries for responsive design

SIWES Front-End Web Development Course Curriculum

Module 4: Version Control with Git & GitHub

- ✓ Git commands: init, commit, push, pull
- ✓ Working with branches and pull requests
- ✓ Collaboration using GitHub

SIWES Front-End Web Development Course Curriculum

Module 5: JavaScript Fundamentals

- ✓ Variables, data types, operators
- ✓ Loops, functions, and conditionals
- ✓ Arrays and objects
- ✓ DOM manipulation and events
- ✓ Basic form validation

SIWES Front-End Web Development Course Curriculum

Module 6: Modern Front-End Tools

- ✓ ES6+ features (let/const, arrow functions, destructuring)
- ✓ Introduction to NPM and modules
- ✓ Prettier, ESLint for code quality

SIWES Front-End Web Development Course Curriculum

Module 7: Front-End Frameworks and Libraries

✓ Intro to **React.js**

(JSX, components, props, state, Event handling and lifecycle methods, React Router for navigation)

✓ Intro to **Tailwind CSS** or **Bootstrap**

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

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

- ✓ Build a complete responsive web application, Deploy on GitHub Pages, Netlify, or Vercel, Document the code and present the project.

SIWES Front-End Web Development - Certification Obtain

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

SIWES Diploma in Front-End Web Development

SIWES Front-End Web Development - Roles After Completion

Graduates of this course can pursue the following roles:

- ✓ **Front-End Developer:** Develops the UI/UX of websites and web apps using HTML, CSS, and JavaScript.
- ✓ **Web Developer:** Builds and maintains websites, ensuring responsiveness and functionality.
- ✓ **UI/UX Developer:** Translates designs into interactive web experiences.
- ✓ **React Developer:** Specializes in building SPAs using React.js.
- ✓ **Junior Software Engineer:** Entry-level coding role focused on front-end or full-stack development.
- ✓ **Website Designer:** Combines design tools with HTML/CSS to create attractive and functional layouts.

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 Front-End Web Development Journey!**

Shape your future with SIWES Front-End Web Development.