

D.I.T

DIPLOMA IN INFORMATION TECHNOLOGY



Get enrolled now!

ABOUT US

KineTEX Institute DAHARKI CAMPUS is dedicated to fostering excellence through specialized education and professional development. We bridge the gap between academic learning and industry demands by providing students with the tools they need to thrive in a competitive global landscape.

Our **MISSION**

To **provide** quality education and practical training in a supportive environment, where students can learn modern skills, explore creativity, and prepare for a successful future.

Our **VISION**

To **become** a leading institute that empowers individuals with knowledge, skills, and confidence to excel in education, technology, and life.

AFFILIATED

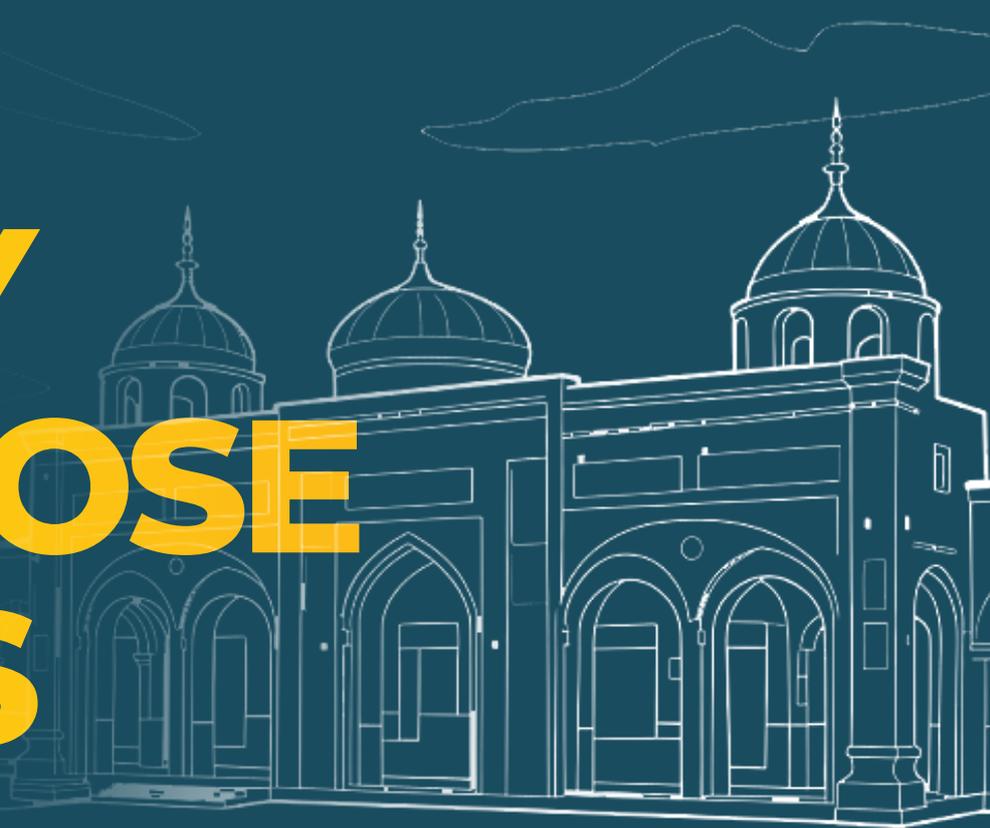
WITH



**Trade Testing
Board Sindh**



WHY CHOOSE ➔ US



1.5k+

Current Enrollments

5k+

Certificates

20+

*Qualified
Staff*

WEB DESIGNING COURSE

Duration:



**1 Year
(2 Semesters)**

Mode:



**Theory+Practical
Lab Work + Projects**

Outcomes:

**Web Designer, Freelancer,
Front-End Developer (Basic Level)**

Semester 1 – Foundation of IT Skills

Module 1: Information & Communication Technology (ICT)

- Introduction to Information Technology
- Hardware vs Software
- Input, Output & Storage Devices
- Data, Information & Communication
- Internet, Intranet & Extranet
- Cloud Computing Basics
- Cyber Security Awareness
- IT in Education, Business & Industry

Practical:

- Identify hardware components
- Internet usage & email practice
- Create Google account & cloud usage

Module 2: Office Automation

- MS Word (Documents, Formatting, Tables, Mail Merge)
- MS Excel (Formulas, Functions, Charts, Data Analysis)
- MS PowerPoint (Professional Presentations)
- MS Outlook (Email Management)
- Google Docs, Sheets & Slides
- Office Productivity Tips

Practical:

- Create office documents
- Excel sheets with formulas
- Presentation project

Module 3: Web Designing (HTML, CSS, Basics of JS)

- Introduction to Web Development
- HTML Structure & Tags
- Forms & Tables
- CSS Styling & Layout
- Responsive Design Basics
- Introduction to JavaScript
- Website Hosting Basics

Practical:

- Design personal website
- Create 3 web pages
- Host website (demo)

Module 4: C Programming

- Programming Concepts
- Variables & Data Types
- Operators & Expressions
- Conditional Statements
- Loops
- Arrays & Functions
- Pointers Basics
- File Handling Basics

Practical:

- Write C programs
- Solve logic-based problems
- Mini console project

Module 5: Operating System

- OS Introduction
- Types of Operating Systems
- Process Management
- Memory Management
- File Systems
- Windows & Linux Overview
- System Utilities
- Task Manager & Performance Monitoring

Practical:

- OS settings configuration
- User account management
- System optimization

Module 6: Sindh/Urdu Composing in MS Word

- Urdu Keyboard Layout
- Sindhi/Urdu Fonts
- InPage vs MS Word composing
- Page Setup & Formatting
- Professional Document Creation
- Typing Practice

Practical:

- Compose official letter
- Create Urdu/Sindhi document

Module 7: Typing Master (40+ WPM)

- Touch Typing Basics
- Finger Positioning
- Speed & Accuracy Improvement
- Typing Tests
- Professional Typing Practice

Practical:

- Daily typing drills
- Speed test (40+ WPM target)

Module 8: Windows & Software Installation

- Windows Installation (7, 8, 10, 11)
- Bootable USB Creation
- BIOS/UEFI Settings
- Driver Installation
- Software Installation (Office, Browsers, Tools)
- System Troubleshooting

Practical:

- Install Windows
- Install drivers & software
- System recovery

Semester 2

Advanced IT & Professional Skills

Module 9: Data Communication & Networking

- Networking Fundamentals
- Types of Networks (LAN, WAN, MAN)
- Network Topologies
- Network Devices (Router, Switch, Hub)
- IP Addressing
- OSI & TCP/IP Model
- Wireless Networking Basics
- Internet Configuration

Practical:

- Create small network
- Configure IP addresses
- Test connectivity

Module 10: Core Hardware & PC Maintenance

- PC Components (CPU, RAM, HDD, SSD)
- Motherboard Architecture
- Power Supply & Cooling
- Laptop Repair Basics
- Assembling a PC
- BIOS Updates
- Preventive Maintenance

Practical:

- Assemble PC
- Replace hardware parts
- Troubleshoot issues

Module 11: Desktop Publishing (DTP)

Tools: Adobe Photoshop, Corel Draw, InPage

- Image Editing
- Logo & Poster Design
- Brochure & Flyer Design
- Visiting Card & Banner Design
- Newspaper & Book Layout

Practical:

- Design 5 creatives
- Create print-ready files

Module 12: Database Management

- Database Concepts
- MS Access
- Tables, Queries, Forms, Reports
- SQL Basics
- MySQL Installation
- CRUD Operations
- Database Security Basics

Practical:

- Create database project
- Run SQL queries
- Build small DB system

Module 13: Live Project (Final Semester Project)

- Project Planning
- Requirement Analysis
- System Design
- Development
- Testing
- Documentation
- Presentation

Examples:

- Website for local business
- Office automation system
- Inventory database
- Networking setup

Outcome of DIT Program

- Job-ready IT skills
- Freelancing opportunities
- Office, Hardware & Software expertise
- Strong foundation for BS IT / CS
- Professional portfolio

GET ENROLLED NOW!

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