


# PROSPECTUS | 2024-2025



Join us to stay informed and find us

 [www.szabist-zabtech.edu.pk](http://www.szabist-zabtech.edu.pk)

 SZABIST ZABTech - iTVE

 SZABIST ZABTech - iTVE

 SZABIST ZABTech - iTVE

 SZABIST ZABTech - iTVE

 SZABIST ZABTech - iTVE

 SZABIST ZABTech - iTVE

 SZABIST ZABTech - iTVE

**Publication By:**

**Directorate of *SZABIST ZABTech* (iTVE)**

**WE  
BUILD  
SKILLS**



**Shaping Futures  
from Passion to  
Profession**





# DR. M. SULEMAN SHAIKH BUSINESS INCUBATION CENTER

Shaheed Benazirabad



# TABLE OF CONTENTS

**01** **ABOUT**

**02** **ZABTECH PROFILE**

**05** **DIRECTOR'S MESSAGE**

**06** **GENERAL INFORMATION**

**09** **LEARN: SEARCH STARTS HERE**

## DECIDE ON A COURSE & QUALIFICATION

**10** **BUSINESS & MANAGEMENT**

**16** **INFORMATION TECHNOLOGY**

**24** **ENGLISH LANGUAGE**

**30** **DIPLOMA IN MECHATRONICS**

**34** **DIPLOMA IN ASSOCIATE ENGINEERING**

**40** **CREATIVE ARTS**

**48** **POPULAR COURSES  
CBT & A QUALIFICATION**

**54** **OTHER COURSES**

**56** **REACH OUT TO US**

**60** **ZABTECH'S SPREAD**







## VISION

To build a sustainable future for the youth through skill development to significantly improve their lives and standard of living.

## MISSION

To enhance global competitiveness through a skilled & productive workforce by developing a demand-driven, standardized, dynamic & integrated technical education & vocational training service.



## ABOUT ZAB'Tech

## OUR SECTORS

- Information Technology
- Service
- Manufacturing
- Construction

## OUR CORE VALUES

- Integrity
- Excellence
- Responsiveness
- Accountability
- Commitment
- Transparency







## SZABIST ZABTech PROFILE



Established in the year 2000, **SZABIST ZABTech** is the largest provider of Technical and Vocational Education and Training (TVET) in Sindh and one of the largest private sector training providers in Pakistan.

With its head office located at Karachi, and state-of-the-art technical and vocational education training Institutes spread across Sindh, today **ZABTech** has 10 permanent Institutes at Hyderabad, Larkana, Shaheed Benazirabad, Khairpur Mir's, Tando Muhammad Khan, Thatta (Gharo), Sehwan (Jamshoro), MirpurKhas, Karachi and Hub (Balochistan). These Institutes are accredited with National and Vocational Technical Training Commission of Pakistan (NAV TTC), Sindh TEVTA and Trade Testing Board (TTB) Sindh.

**SZABIST ZABTech** is at the forefront of technical and vocational education and training for the communities located in Chapter Districts in its wide catchment areas and beyond.

**ZABTech** establishes Satellite Units (PIU's) as per the project requirement for the skill development of youth at the Union Council and Village level. These units aims to provide the trainings at the community door-step, for making the skills accessible to all youth, following the approach of SKILLS FOR ALL.

Our staff is fully trained to implement a new National Vocational Qualification Framework (NVQF) level 1 - V, Competency Based Training & Assessment (CBT & A) and other focused occupational long- and short-term certification courses and diploma programs to students. The acquisition of Technical and Vocational skills opens doors for the formal labor market for the learners and helps them to develop entrepreneurial and other soft skills across four market-oriented sectors: service, IT, construction and manufacturing. Our programs include both theoretical studies at the Chapters and relevant practical application or on-the-job training at work places.



## Skilling Youth



**SZABIST ZABTech** provides study opportunities in over 100 trades and disciplines such as Business Management, Hospitality Management, Information Technology & Computer Science, Finance & Accounting, Foreign Language, Creative Arts, Manufacturing and Assembling and other skills. It enables the learners to select the programme that best suits their employment opportunities.

The results-oriented approach of **ZABTech** ensures employability in a competitive environment and opportunities for entrepreneurship. Our Chapters boast excellent facilities such as well-equipped workshops, computer centers, business simulations and incubators that enable students to practice hands-on workplace skills.

*“Empowering youth to drive transformation.”*





# WELCOME



**Waheeda Mahesar**  
Executive Director  
**SZABIST ZABTech (iTVE)**

“Technical Vocational Education Training (TVET) plays an important role in implementing and promoting sustainable development”

Thank you for considering **SZABIST ZABTech!**

Globally, Technical Education and Vocational Training (TVET) is recognized as pivotal tool for addressing unemployment and poverty. At **SZABIST ZABTech (iTVE)**, we are dedicated to raising awareness to attract more young individuals towards Technical Education and Vocational Training.

Our ongoing efforts include improving program quality, enhancing institutional infrastructure, ensuring transparency in our admission process and fostering collaboration with the industry. These endeavors aim to empower learners to secure sustainable livelihoods. Our courses blend theory and practical training, equipping students with the skills and knowledge needed to excel in the world of employment.

We are committed to strong coordination and networking with industries, reflecting a forward-thinking and proactive strategy in preparing individuals for the World of Work. All our chapters are equipped with fully functional workshops, laboratories, and modern equipment, enhancing skills training for students.

When choosing a career path, be wise and select one that aligns with your passion for the betterment of your future.

Thank you







# General Information



## 1. Admission Procedure

- 1.1 Prospective students who wish to study at the **ZABTech** may obtain the application form from any of the **ZABTech** Institutes or on our website [www.szabist-zabtech.edu.pk](http://www.szabist-zabtech.edu.pk)
- 1.2 To apply to ZABTech, you will be required to have attested copies of the following documents:
  - CNIC/ B-form
  - Father/Guardian's CNIC
  - Latest Academic Results
  - 04 Passport Size Photographs
  - Experience Certificates (if any)
- 1.3 The shortlisted applicant has to clear written test and interview with minimum 40 % marks.
- 1.4 The successful applicant must submit his/her fees within 10 days of deadline indicated by the campus.
- 1.5 Applicants must have valid email address or phone number. All communication with regard to your application will be sent via email/sms.

## 2. Refunds

**Important: Tuition fees may be refunded. No other charges are refundable.**

- 2.1 Please Note: Refund of tuition fees due to the cancellation can only be considered if request forms are handed into the Admission & Examination office within the following time schedule.
  - If withdrawn before commencement of class 100% Refund
  - If withdrawn before 4<sup>th</sup> class 50% Refund
  - If withdrawn after 4<sup>th</sup> class 25% Refund
  - If withdrawn after 8<sup>th</sup> class no Refund
- 2.2 Refund for the tuition fees in full will be granted if the subject is not being offered by the campus due to unforeseen consequences.





# General Information



## 3. Teaching Methodology

- Classroom Lectures & Presentation Via A/V
- Workshop Practical
- On Job Training / Workplace Based Training
- Study Tours
- Guest Speakers Sessions
- E-Learning

## 4. Examination

- 4.1 Only students who have complied with administration requirements will be allowed to enter the examination.
- 4.2 Examination Dates: Contact the institutes for the exact date of examination.
- 4.3 Take note that it is compulsory to attend 80% of the lectures and to achieve minimum of 40% in all the internal assessments to be allowed to sit for the examinations. If the attendance is less than 80% or they have failed to achieve 40% in the internal assessments, they will not be allowed to write the examination in that subject.
- 4.4 For passing an examination, minimum 60% marks are required.
- 4.5 Supplementary Examination: Students failing in subject will be allowed to appear in supplementary examination only once. An examination fee per subject is payable when enrolling for supplementary examinations.
- 4.6 Make up Examination: There will be no makeup final exams, except in a rare situation where student has legitimate reason, including illness, death in family, accident. In any such situations, authentic documents will be submitted for the validation.
- 4.7 Any student found cheating or using unfair means in examination will be immediately expelled.



# General Information



## 5. Evaluation

- Subjective & Objective Assessments
- Online Assessments
- Comprehensive Viva-Voce
- CBT&A Integrated Assessments
- Term Paper, Presentation & Project

## 6. Working Hours

- 6.1 Subjects to internal adjustments per individual Institutes.
- 6.2 Office Hours
- 6.2.1 Monday to Saturday: 9:00 am to 5:00 pm.

Our qualifications are based on National Vocational Qualification Frame work(NVQF).

NVQF meets the national standards in education & training and is recognised across Sindh.







## Your Search Starts Here



You may already have a career in mind or you might be looking for inspiration. Whichever it is, your search starts here.

In the course profiles, you will find:

-  The career possibilities provide a sample of what you might aim for, and depend on the qualifications you achieve.
-  The qualifications offered are subject to change again, contact the campus for current details.
-  The fee ranges vary across the **ZABTech** locations.



**ZABTech** works closely with employers to make sure you develop the right skills to make you productive and competitive in the employment market. At **ZABTech**:

-  Courses are updated regularly to make sure they are current and relevant. **Please check our website to view courses offered for each Chapter, enrolment requirements and course availability.**
-  You will gain skills and knowledge closely linked to your chosen industry's needs
-  Employers are confident that **ZABTech** graduates can perform tasks to industry standards.



# CUBATION CENTER







# Practical Training



## BUSINESS AND MANAGEMENT



Business, administration and management skills are useful across a wide range of sectors and industries. Start your own business or climb the ladder in the corporate world with project management experience, marketing knowledge and relationship-building skills.

### DIPLOMA PROGRAMMES

#### HUMAN RESOURCE MANAGEMENT

A human resources qualification will help you in a wide range of leadership positions, and qualifies you to work in human resources as a consultant or part of an in-house team. You will learn how to be a good mentor, resolve workplace conflicts and enforce workers' rights and workplace safety.

DIPLOMA

SIX MONTHS

#### Courses Offered

Courses Offered	
Module - I	Introduction to HRM Job Analysis and Human Resource Planning Recruitment and Selection of Employees
Module - II	Orientation and its Importance Training and Employee Development Performance Management System
Module - III	Managing Compensation and Rewarding Performance Employee Motivation Respecting Employees Rights and Managing Discipline



#### CAREER POSSIBILITIES

- HR Generalist
- HR Recruiter
- Employee Relations Manager
- Training and Development Manager
- Office Manager







# Vocational Skills



## ACCOUNTING & FINANCE

DIPLOMA	SIX MONTHS
<b>Courses Offered</b>	
Module - I	Basic Concept & Conventions of Accounting Business & Accounting Cycles Working Capital Management   Receivables Management Inventory Accounting   Managerial Accounting
Module - II	Concepts of Cost & Cost Accounting Break Even Analysis Analysis and Interpretation of Financial Statement Time Value of Money
Module - II	Valuation of Long Term Security Cost of Capital, Capital Budgeting, Lease Finance

If you enjoy working with numbers, study accounting to give yourself highly desirable skills. Finance, banking and accounting are strong growth areas and there are always job openings for those with an aptitude for numbers.



### CAREER POSSIBILITIES

- Finance Officer
- Accountant
- Compliance Officer
- Bookkeeper
- Auditing Clerk

## MANAGEMENT SCIENCE

DIPLOMA	SIX MONTHS
<b>Courses Offered</b>	
Module - I	English Speaking for Beginners Basic English Writing Skills Communication & Presentation Skills
Module - II	Introduction to Computer MS-Office Internet + Web Page Designing Information Technology Trends

The purpose of this Programme is to equip students with skills in the managerial field. The programme integrates academic knowledge and theory with practical skills.



### CAREER POSSIBILITIES

- Front Desk Officer
- Data Entry Assistant
- Technical Writer
- IT Assistant
- Office Associate





# Career Development



## COMPUTER & BUSINESS MANAGEMENT

DIPLOMA SEMESTER - I SIX MONTHS

### Courses Offered

Module - I	Computer Application to Business MS-Office (Office Automation)
Module - II	Introduction to Programming using C & C++ Functional English
Module - III	Computerized Financial Accounting Office Management & Secretarial Duties

This Programme covers the interpretation of software applications, as well as the installation of network cables together with information technology principles and data processing. This Program integrates academic knowledge and theory with practical skills.

SEMESTER - II SIX MONTHS

### Courses Offered

Module - I	Network Management & Troubleshooting E-Business and Business Management
Module - II	VB, Oracle Technical Drafting and Business Communication
Module - III	Web Development & Designing Final Project



### CAREER POSSIBILITIES

- Business Development Manager
- MIS Officer
- Web Designer & Developer
- Network Admin
- Administrative Coordinator





# Technical Education



## CERTIFICATION PROGRAMMES

A shrewd business professional looks for ways to move up (or over) to improve their salary, benefits and job opportunities. One way to reach that goal is by getting a business certification. Whether you're just starting out in a professional track or have been at it for a while, you should enroll in one or more of the certification programmes.

### ACCOUNTING

CERTIFICATION		THREE MONTHS
Courses Offered		
Module - I	Principles of Accounting Financial Accounting	
Module - II	Cost Accounting Computerized Accounting	

### CUSTOMER SUPPORT & SALES

CERTIFICATION		THREE MONTHS
Courses Offered		
Module - I	Communication Skills Tele Marketing Skills	
Module - II	Sales Management Customer Service	

### CUSTOMER RELATIONSHIP MANAGEMENT

CERTIFICATION		THREE MONTHS
Courses Offered		
Module - I	Principles of Marketing Effective Communication	
Module - II	Consumer Behavior Customer Relationship Management	

### MARKETING

CERTIFICATION		THREE MONTHS
Courses Offered		
Module - I	Principles of Marketing Marketing Reserach Concepts & Techniques	
Module - II	Marketing Strategy Effective Communication	







# Industry Preparation



## DIGITAL MARKETING

CERTIFICATION		THREE MONTHS
Courses Offered		
Module - I	Introduction to Digital Marketing Consumer Journey	
Module - II	Social Media Marketing Digital Marketing Strategies	

## OFFICE MANAGEMENT

CERTIFICATION		THREE MONTHS
Courses Offered		
Module - I	Foundations of Accounting & Management Microsoft Office	
Module - II	Internet Basics Communication Skills	

## HUMAN RESOURCE MANAGEMENT

CERTIFICATION		THREE MONTHS
Courses Offered		
Module - I	Foundations of Human Resource Management Training & Development	
Module - II	Employee Management Human Resource Information System	

## COMPUTERIZED ACCOUNTING

CERTIFICATION		THREE MONTHS
Courses Offered		
Module - I	Introduction to Business Basics of Accounting & Accounting Equation Accounting Cycle	
Module - II	Bank Reconciliation Statement Inventory System Sales System	
Module - III	Voucher Chart of Accounts Periodic Reports	
Module - IV	Maintain the Inventory Items Maintain the Records of Customers Maintain the Records of Vendors/ Suppliers	

## OFFICE ADMINISTRATION

CERTIFICATION		THREE MONTHS
Courses Offered		
Module - I	Essential IT Skills (Ms Office) Administrative Functions Administrative Skills	
Module - II	Office Administration Facilities Management Staff Management	







# Certified Trades



## INFORMATION TECHNOLOGY



There are a huge variety of jobs in information technology (IT) as are the choice of courses you can take to get employed in the sector. An IT course will give you specialised skills, experience working with the latest tools and equipment, and the ability to make connections studying with like-minded people.

### DIPLOMA PROGRAMMES

#### INFORMATION TECHNOLOGY

DIPLOMA	SEMESTER - I	SIX MONTHS	
<b>Courses Offered</b>			
Module - I	Introduction to IT Operating System	The current demand-driven skills in the world promise a variety of jobs in the field of Information Technology. Keeping in mind how essential this field is and how fast it is growing, this course has been designed to deliver the basic concepts of IT as well as specialized skills, tools and knowledge of the use of equipment required by the job market so students have a versatile base to advance their careers in IT.	
Module - II	MS Office Data Communication & Networks		
Module - III	System Analysis & Design Computer Hardware		
<b>SEMESTER - II</b>			
<b>Courses Offered</b>			
Module - I	Web Designing (HTML, CSS, JavaScript, Bootstrap) Elementary Programming with C		
Module - II	Database using SQL SERVER/Oracle Object Oriented Programming Using JAVA		
Module - III	Final Project		



#### CAREER POSSIBILITIES

- Technical Support
- Programmer
- Web Developer
- Computer System Analyst
- IT Security
- Network Engineer







# Employable Graduates



## SOFTWARE DEVELOPMENT

DIPLOMA SEMESTER - I SIX MONTHS

Courses Offered	
Module - I	Introduction to IT MS-Office
Module - II	Web Designing (HTML, CSS, JavaScript, Bootstrap) Elementary Programming with C
Module - III	Database using SQL SERVER/MYSQL Object Oriented Programming Using C#/PHP

The field of Software Development is rapidly evolving and there is a high demand for it in the job market. This course has been offered to orient learners to new products, tools and knowledge of thousands of applications released everyday which are required by professional setups.

SEMESTER - II SIX MONTHS

Courses Offered	
Module - I	Web Development (ASP.NET/PHP) Software Engineering Principles
Module - II	Software Quality Assurance (SQA) Agile/Software Project Management (SPM)
Module - III	E-Project



### CAREER POSSIBILITIES

- Web Developer
- Mobile Developer
- Desktop Application Develop
- Video Game Developer
- Software Analyst





# Professional Growth



## GRAPHIC DESIGN

DIPLOMA	SEMESTER - I	SIX MONTHS
<b>Courses Offered</b>		
Module - I	Adobe Photoshop	
Module - II	Adobe Illustrator	
Module - III	Adobe After Effect	

This Programme has been designed to teach students the range from basics to advanced graphic design and web development using graphics softwares and web programming. In addition, they will focus on professional skills needed to work successfully in any business environment, and work as freelancers.

## WEB DEVELOPMENT

DIPLOMA	SEMESTER - II	SIX MONTHS
<b>Courses Offered</b>		
Module - I	Web Design (HTML,CSS,BOOTSTRAP) Javascript Jquery	
Module - II	PHP Apache OOP Database (My SQL)	
Module - III	API , JSON ANGULAR Project	



### CAREER POSSIBILITIES

- Graphics Designer
- Frontend Developer
- Backend Developer
- Software Analyst





# Industry Preparation



## CERTIFICATION PROGRAMMES

Certification Courses offer you a chance to expand on your computer skills and learn how to apply your technical expertise professionally.

### INFORMATION TECHNOLOGY

CERTIFICATION	SIX MONTHS
<b>Courses Offered</b>	
Module - I	Introduction to IT Hardware / Network Basics
Module - II	MS Office Web Designing (HTML, CSS, JavaScript, Bootstrap)
Module - III	Elementary Programming with C Database using SQL SERVER/MYSQL



### WIRELESS APPLICATION PROTOCOL

CERTIFICATION	SIX MONTHS
<b>Courses Offered</b>	
Module - I	Introduction to Wireless Application Protocol Introduction to WAP Architecture
Module - II	Intro to WAP Browser, Gateways, Server, Application Working with Emulators/Simulators
Module - III	Wireless Markup Language (WML) Wireless Markup Language Script (WML Script) Project

### AUTOCAD

CERTIFICATION	TWO MONTHS
<b>Courses Offered</b>	
Module - I	AutoCAD Essentials
Module - II	AutoCAD Intermediate
Module - III	AutoCAD 2D & 3D Models







# Competency Building



## ORACLE

CERTIFICATION		SIX MONTHS
Courses Offered		
Module - I	Introduction to Oracle Database SQL*Plus Commands	
Module - II	Tables and Constraints Filtering and Sorting Data	
Module - III	Other Database Schema Objects Building PL/SQL Blocks	
Module - IV	Procedures and Functions Oracle Triggers Oracle Packages	

## CISCO CERTIFIED NETWORK ASSOCIATE (CCNA)

CERTIFICATION		FOUR MONTHS
Courses Offered		
Module - I	Introduction to Networks	
Module - I	Routing & Switching	
Module - III	Scaling Networks	
Module - IV	Connecting Networks	

## COMPUTER HARDWARE

CERTIFICATION		SIX MONTHS
Courses Offered		
Module - I	Introduction to Basic & Digital Electronics Internal Architecture of Devices	
Module - II	BIOS Setting Configuration of Devices	
Module - III	Operating System Installation Application Software Installation	
Module - IV	Fault Diagnosing and Troubleshooting PC Assembling and De-Assembling Device Drivers Installation	





# Competency Building



## ANDROID DEVELOPMENT

CERTIFICATION

SIX MONTHS

### Courses Offered

Module - I	Introduction to Android
Module - I	Android SDK Tools & Activity Class
Module - III	List Activity & List View
Module - IV	Intents & Intent Filter
Module - V	Custom Views
Module - VI	Dialogs & Toasts
Module - VII	More UI - Option Menu, Context Menu & Web View

## MS OFFICE

CERTIFICATION

TWO MONTHS

### Courses Offered

Module - I	MS Word
Module - I	MS Excel
Module - III	MS Power Point
Module - IV	MS Access

## MULTIMEDIA GRAPHICS DESIGNER

CERTIFICATION

THREE MONTHS

### Courses Offered

Module - I	Adobe Photoshop
Module - I	Adobe Illustrator
Module - III	Adobe After Effect
Module - IV	Web Designing (HTML & CSS)





# Professional Growth



## ADVANCE CERTIFICATE IN INFORMATION TECHNOLOGY (ACIT)

CERTIFICATION TWO MONTHS

### Courses Offered

Module - I	PC Networking & Concepts
Module - I	Adobe Photoshop / Coral Draw / Flash Mx
Module - III	Web Designing & Web Development
Module - IV	Project



## PHP

CERTIFICATION THREE MONTHS

### Courses Offered

Module - I	Introduction to Web Development
Module - I	Introduction to Programming Languages
Module - III	Basic Concepts of PHP
Module - IV	Advance PHP with Database

## C++ PROGRAMMING

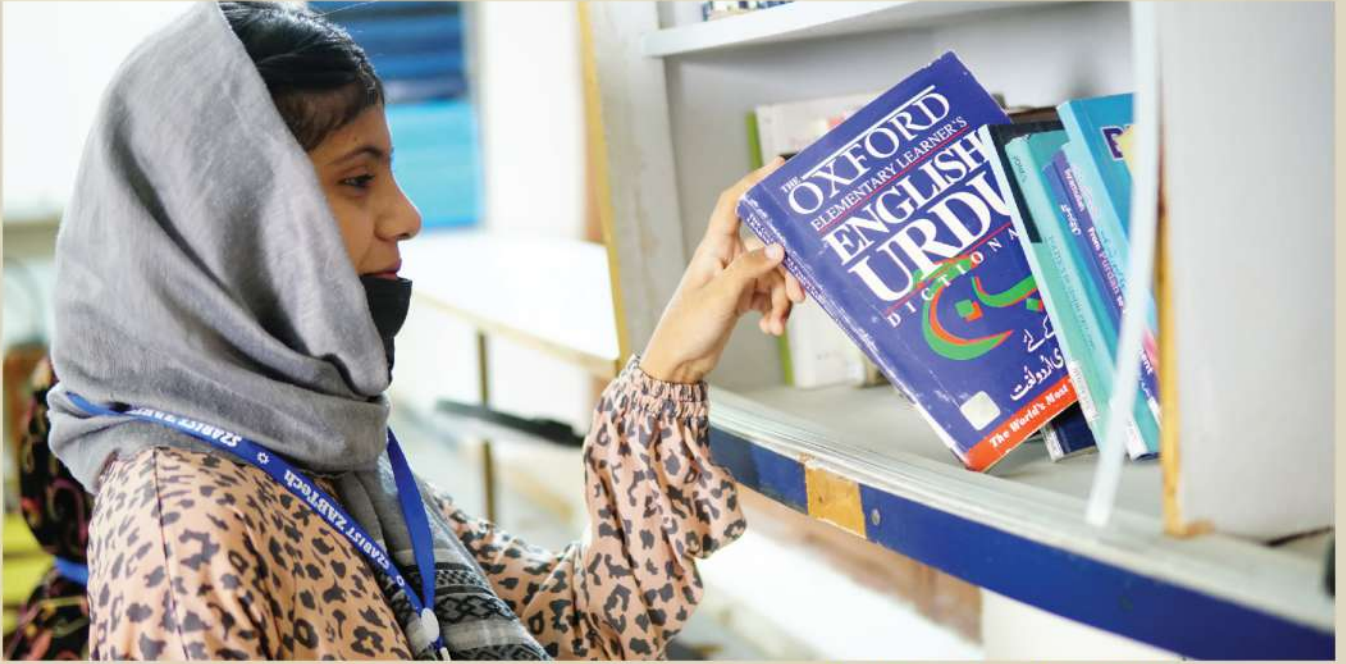
CERTIFICATION ONE MONTH

### Courses Offered

Module - I	Introduction to C++
Module - I	Basic Operations of C++
Module - III	Intro to Control Structure If's Statements & loops
Module - IV	Object Oriented C++









# Skill Acquisition



## ENGLISH LANGUAGE

English is a universal language because it is the most spoken language in the world. Being able to communicate in English is a valuable skill and is a gateway to financial mobility. English is considered one of the most complicated languages to learn, but with the tried and tested teaching methodologies of our language instructors, we make learning English fun and easy.

### DIPLOMA PROGRAMMES

#### ENGLISH SPEAKING SKILLS

This course will quickly enhance your English speaking skills. You will be introduced to basic grammar rules as well as a hands-on approach to current vocabulary. It will also teach you how to choose the right tone in the right place. In addition to, you will also be prepared for techniques used in presentations, conferences, debates and public speaking. This course also makes sure that you get the exposure to all kinds of situations and audience which will boost your confidence and employability.

DIPLOMA		SIX MONTHS
Courses Offered		 <b>CAREER POSSIBILITIES</b> <ul style="list-style-type: none"><li>- English Language Instructor</li><li>- Technical Writer</li><li>- Editor</li><li>- Online Content Manager</li><li>- Librarian</li><li>- Private Tutor</li></ul>
Module - I	English Writing Fundamentals of English Grammar Vocabulary	
Module - II	Effective Reading & Writing Intermediate Grammar & Vocabulary Speaking & listening	
Module - III	Public Speaking Advanced English Reading, Writing & Listening Advanced Vocabulary	



# Workforce Readiness



## A TYPICAL WEEK IN AN ENGLISH CLASS

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
 READING	 GROUP WORK	 COMPUTER	 LISTENING	 WRITING
 LISTENING	 READING	 WRITING	 READING	 PRONUNCIATION
 DISCUSSION	 WRITING	 GROUP WORK	 SPEAKING	 CONVERSATION







# Technical Education



## DIPLOMA IN COMMUNICATION SKILLS

Learn about the art of communication, perception, group dynamics and persuasion by enrolling in a Diploma in Communication Skills. This course is holistic and aims to improve a student's soft skills in a professional environment.

DIPLOMA

SIX MONTHS

### Courses Offered

Module - I	<b>Access to Basic Grammar</b> <ul style="list-style-type: none"><li>- Parts of Speech</li><li>- Tenses</li><li>- Vocabulary</li><li>- Active &amp; Passive Voice</li><li>- Direct and Indirect Speech</li></ul>
Module - II	<b>Communication &amp; Presentation Skills</b> <ul style="list-style-type: none"><li>- Body Language</li><li>- Communication Cycle</li><li>- Process of Listening</li><li>- Questioning Techniques</li><li>- Interview</li></ul>
Module - III	<b>Written Communication</b> <ul style="list-style-type: none"><li>- Business Emails</li><li>- Memo</li><li>- Precis Writing</li><li>- Descriptive &amp; Report Writing</li><li>- Essay</li></ul>



### CAREER POSSIBILITIES

- Brand Manager
- Public Relations Officer
- Communication Officers
- Business Reporter
- News Casters
- Editors
- Customer Service Representative
- Press Secretary







# Occupational Training



## CERTIFICATION PROGRAMMES

When you are applying for a study programme abroad you will most likely need an English-language certificate, proving that you have a sufficient command over the English language in order to successfully complete coursework and assignments required for your degree. These days, countries all over the world are offering courses exclusively taught in English, making it easier for foreign students to enroll in degree programmes abroad.

### ENGLISH FOR PCS & CSS EXAMINATION

CERTIFICATION	THREE MONTHS
<b>Courses Offered</b>	
Module - I	English Grammar, Composition & Written Comperhension
Module - II	Essay Writing Precis Writing

### IELTS PREPARATION PROGRAMMES

CERTIFICATION	THREE MONTHS
<b>Courses Offered</b>	
Module - I	Reading Skills Writing Skills
Module - II	Speaking Skills Listening Skills

### ENGLISH SPEAKING & WRITING SKILLS

CERTIFICATION	THREE MONTHS
<b>Courses Offered</b>	
Module - I	Vocabulary & Grammar Reading Skills Pronunciation
Module - II	English Listening & Speaking Word Formation Effective Presentation
Module - III	English Listening & Speaking Word Formation Effective Presentation







## Job Skills



# DIPLOMA IN MECHATRONICS

This course is for individuals aiming for employment in the metal and engineering industry in occupations at engineering technician level. After completion, they will be competent in carrying out tasks such as engineering design and quality control /assurance monitoring.

### DIPLOMA SEMESTER - I SIX MONTHS

Courses Offered	
Module - I	Applied Science Applied Mathematics
Module - II	Manufacturing Technology Basics of Electrical and Electronics Engineering
Module - III	Science Lab Basic Electrical and Electronics Lab Basic Computer Skills

### DIPLOMA SEMESTER - II SIX MONTHS

Courses Offered	
Module - I	Applied Mathematics - II C Programming
Module - II	Analog Electronics English Communication
Module - III	Analog Electronics Lab Machine Shop Practice C Programming Lab



### CAREER POSSIBILITIES

- Mechatronic Technicians
- Electronic Designs Associate
- Quality Control Officers
- Robotics Technician





# Career Pathways



## SEMESTER - III SIX MONTHS

Courses Offered	
Module - I	Measurement System Digital Electronics
Module - II	Basics of Mechanics & Thermal Engineering Fluid Power Engineering
Module - III	Digital Electronics Lab Computer Aided Engineering Graphics Lab Electro-Pneumatic Lab

## SEMESTER - V SIX MONTHS

Courses Offered	
Module - I	Control System Micro Scale Mechanical System
Module - II	Basic Management Skills & Pakistan Constitution PLC & Its Applications
Module - III	PLC Lab Control System Lab Project Work & Industrial Visit

## SEMESTER - IV SIX MONTHS

Courses Offered	
Module - I	Microcontroller and Application CNC Machine Tool Technology
Module - II	Automation & Computer Integrated Manufacturing System Industrial Electronics
Module - III	Microcontroller Lab Industrial Electronics Lab CNC Lab

## SEMESTER - V SIX MONTHS

Courses Offered	
Module - I	Industrial Robotics Design of Mechatronics System
Module - II	Automotive Electronics (ELECTIVE) CASP Lab
Module - III	Robotics Lab Project Work











# Skillful Education



## DIPLOMA IN ASSOCIATE ENGINEERING

### ELECTRICAL TECHNOLOGY

Associate's degree programs in electrical engineering technology will enable you to assist engineers with the development of electrical systems and electronic devices

#### DIPLOMA FIRST YEAR

Courses Offered	
Gen	Islamiyat/Pakistan Studies
Eng	English
Math	Applied Mathematics-I
Comp	Introduction to Computer Applications
ET	Principles of Electrical Engineering
ET	Basic Electrical Drawing
ET	Workshop Practice-I - Wiring - Metal Work - Wood Work - Welding

#### ELIGIBILITY CRITERIA

Qualification Matric with Science Subjects (Maths, Physics, Chemistry)



#### CAREER POSSIBILITIES

- Line Superintendent in WAPDA
- Sub Engineer in Power Generation Plant
- Sub Engineer in Radio, TV, and other broadcasting organizations
- Sub Engineer in Building and Health sector
- Sub Engineer in Atomic, SUI Gas, NDC
- Sub Engineer in Oil and Gas and Pakistan Railways





# Industry Relevance



## SECOND YEAR

### Courses Offered

Gen	Islamiat & Pakistan Studies
Math	Applied Mathematics-II
Phy	Applied Physics
Mgm	Business Management & Industrial Economics
ET	D.C. Machines & Batteries
ET	Electrical Instruments & Measurements
ET	Utilization of Electrical Energy
ET	Installation Planning & Estimating
ET	Applications of Computers in Elect. Technology
ET	Basic Electronics
ET	Workshop Practice-II (Basic Machine Shop)

## THIRD YEAR

### Courses Offered

Gen	Islamiat/Pakistan Studies
Mgm	Business Communication
Mgm	Industrial Management & Human Relations
ET	A.C. Machines
ET	Power Plant & Energy Conservation
ET	Transmission, Distribution and Protection of Electrical Power Systems
ET	Telecommunication
ET	Repair & Maintenance of Electrical Equipment
ET	Digital & Industrial Electronics





# Practical Education



## INFORMATION TECHNOLOGY

Success is just a few clicks away

If you have a passion for innovation and a desire to use technology to create new and improved solutions then a career in DAE in Information Technology is for you. You can gain a professional qualification after just three years.

DIPLOMA FIRST YEAR

Courses Offered	
Gen	Islamiat & Pakistan Studies
Eng	English
Math	Applied Mathematics
Phy	Applied Physics
Chem	Applied Chemistry
IT	Information System
IT	Design and development principles of software
IT	Network Fundamentals
IT	Computer Systems Basics
IT	Client Side Customization of Web pages

### ELIGIBILITY CRITERIA

Qualification Matric with Science Subjects (Maths, Physics, Chemistry)



### CAREER POSSIBILITIES

- Systems analyst
- Business analyst
- Data analyst
- Web/ E-Commerce developer
- Network security specialist
- Software developer
- Programmer





# Skill Empowerment



## SECOND YEAR

### Courses Offered

Gen	Islamiat & Pakistan Studies
Math	Applied Mathematics-II
IT	Communication and Employability Skills for IT
IT	Object-Oriented Programming
IT	Computer Architecture
IT	Communication technologies
IT	Organizational System Security
IT	Routing Protocols and concept
IT	LAN switching and Wireless
IT	Website Production and management

## THIRD YEAR

### Courses Offered

Gen	Islamiat & Pakistan Studies
IT	Technical Report Writing
IT	Impact of the use of IT on Business Systems
IT	E-Commerce
IT	Network Management
IT	Operating System
IT	Principles of Computer Networks
IT	IT Systems Troubleshooting and Repair
IT	Project
IT	Accessing the WAN













## Skill Enhancement



## CREATIVE ARTS

**Creativity manifests itself in many different forms.**

**Are you a budding photographer or do you have a passion for costume design? Perhaps you have a flair for words. Wherever your strengths lie, you've found a place where creative thinking and talent is honed in preparation for opportunities worldwide.**

### DIPLOMA PROGRAMMES

Our foundation, advanced and fast track diploma and certification programme in fashion designing prepares you for freelance costume-making work or employment in a leading fashion industry of Pakistan.

In this practical, hands-on course, you develop your abilities in manual pattern drafting, costume construction, alteration and fitting. You will also gain expertise in tailoring, costume history, costume design and film and television location wardrobe.

### FOUNDATION DIPLOMA IN FASHION DESIGNING

SEMESTER - I

SIX MONTHS

#### Courses Offered

Module - I	Introduction to Fashion Basic Drawing
Module - II	Principles and Elements of Design History of Art
Module - III	Introduction to Textiles Communication Skills
Module - IV	History of Costume Intermediate Drawing



#### CAREER POSSIBILITIES

- Fashion designer
- Retail Buyer
- Retail Manager
- Retail Merchandiser
- Stylist





# Practical Training



SEMESTER - II

SIX MONTHS

Courses Offered	
Module - I	Materials and Process Business Management Skills
Module - II	Basic Illustration Machine Sewing
Module - III	Print Design Pattern Making



## CAREER POSSIBILITIES

- Textile Designer
- Visual Merchandiser
- Pattern Maker
- Production Manager
- Embroidery Puncher

## FAST TRACK DIPLOMA IN FASHION DESIGN

DIPLOMA

FOUR MONTHS

Courses Offered	
Module - I	Fashion sketching and Illustration Thematic Research
Module - II	Mood Boards for Themes Construction of Design
Module - III	Pattern Making Basic English Skills



## CAREER POSSIBILITIES

- Fashion designer
- Stylist
- Pattern Maker





# Vocational Skills



## ADVANCE DIPLOMA IN FASHION DESIGN

### SEMESTER - I SIX MONTHS

#### Courses Offered

Module - XII	Fashion Drawing / Draw Sketches
Module - XIII	Design Development
Module - XIV	Colouring & Textiles

### SEMESTER - II SIX MONTHS

#### Courses Offered

Module - XII	Introduction to Measurements
Module - XIII	Pattern Making - I
Module - XIV	Pattern Making - II

### SEMESTER - III SIX MONTHS

#### Courses Offered

Module - XII	Cutting For Sewing
Module - XIII	Sewing
Module - XIV	Finishing / Quality Control

### SEMESTER - IV SIX MONTHS

#### Courses Offered

Module - XII	Computer / Digital Communication
Module - XIII	Communication and Management Skills
Module - XIV	Garment Production System









# Career Development



## CERTIFICATION PROGRAMMES

### STITCHING, TAILORING & DRESSMAKING

CERTIFICATION

SIX MONTHS

#### Courses Offered

Module - I	Basics of Dress Making Sewing Machine's Operations, Maintenance and Precautions Fabric Orientation Measurement Tools, Methods & Drafting Traditional and Contemporary Tailoring Methods
Module - I	Current Market Trends Color Scheme Making of Different Dresses Alteration and Remodeling Student Project

Make a start on your fashion career with a certification in fashion design.

You will graduate with a portfolio of work to showcase your skills.

The certification will give you the skills to start your own business and train other tailors and dressmakers.

### FASHION DESIGNING

CERTIFICATION

FOUR MONTHS

#### Courses Offered

Module - I	History of Fashion Design Fashion Sketching and Illustration Pattern Making
Module - II	Design Concept Clothing Construction Communication & Management Skills







# Technical Education



## PHOTOGRAPHY

Develop your photographic eye with a qualification recognised as one of the best in the industry. Develop your technical skills, conceptual thinking, photographic eye, and produce a sharp portfolio to get ahead and stay ahead

CERTIFICATION

FOUR MONTHS

### Courses Offered

Module - I	Camera Basic Operating a Camera Types of Film Exposure
Module - II	Aperture & Shutter Speeds TTL Light Meter Depth of Field Choosing Lenses
Module - II	Lighting Flash Photography Filters Steady Shooting
Module - II	Digital vs. Film Enhancing Photographs Organizing the Picture









# COMPETENCY-BASED TRAINING & ASSESSMENT (CBT&A) PROGRAMMES

**Competency-Based Training is a popular approach for quality technical & vocational training across the world and is gaining traction in Pakistan. Aligned with the National Vocational Qualification Framework, the Programme offers higher prospects of employability.**

## ADVANTAGES OF CBT & A

### CBT & A Programs:

- are focused on skills, knowledge, understanding and attitudes/values.
- describe observable, demonstrable and assessable performance.
- are broader in scope than a mere list of specific tasks or skills.
- enable the learners to acquire competencies, which are recognized by the industry all over the country through competency standards set under NVQF.
- offer greater prospects for employment to learners.
- enable informal skilled workers to get their skills assessed and certified through recognition of prior learning (RPL) and current competencies.
- involve industry in all the steps of training delivery right from designing the skills to assessment and placement of the skilled workers.
- allow flexibility in the movement of learners from one institution to another.











# Career Development



## CBT & A QUALIFICATIONS

### Construction Technology

Building Electrician Solar PV Installation

Plumber Solar Heating Technician

General Electrician

Industrial Electrician

### Hospitality

Cook

Chef De Partie

### Textiles

Fashion Designing

Dress Making

### Light Engineering

Electronics Home Appliances Technician

### Beauty & Care

Beauty Therapy

Hair Styling

Skin Care

### Business Administration

Supply Chain and Logistics Assistant

Customer Service & Sales Assistant

### Mechanical Technology

Heat Ventilation and Air Conditioning Technician

Welder and Fabricator

### Logistics & Supply Chain Assistant

Freight Forwarding and Shipping Assistant







## CBT & A QUALIFICATIONS

### Information and Computer Technology

AutoCAD

E-Commerce

Graphics Designer (Print)

Graphic Designer (Motion)

Mobile Application Developer

Social Media Marketing Specialist

Web Developer

Web Designer

IT Office Assistant

Computer Operator

### Auto Mobile Technology

Auto Electrician

Auto Mechanic

Motorcycle Technician









## OTHER COURSES

### LTV CAR DRIVING

CERTIFICATION ONE MONTHS

#### Courses Offered

Outline	<ul style="list-style-type: none"><li>Principles for Safe Driving</li><li>Rules of Roads</li><li>Legal Aspects of Insurance</li><li>Practicing Driving Skills</li><li>Practicing Parking Skills</li><li>Mock Driving Assessment</li></ul>
---------	---

### "KNOW THYSELF" - YOGA

CERTIFICATION 6 WEEKS

#### Courses Offered

Outline	<ul style="list-style-type: none"><li>Introduction to Yoga</li><li>Yoga Positives</li><li>Yoga Essentials &amp; Meditation</li><li>Practical Yoga Classes</li><li>Learning Conclusion</li></ul>
---------	---

### FUNDAMENTALS OF SINGING

CERTIFICATION 6 WEEKS

#### Courses Offered

Outline	<ul style="list-style-type: none"><li>Vocal Health &amp; Warmup Routines</li><li>Correct Breathing &amp; Phrasing</li><li>Rhythm &amp; Lyrics</li><li>Vocal Techniques</li><li>Pre Performance Nerves &amp; Stagecraft</li></ul>
---------	--



## Technical Education



# SUSTAINABLE DEVELOPMENT GOALS

## ZABTech's Contribution

**5** GENDER  
EQUALITY



**4** QUALITY  
EDUCATION



**16** PEACE, JUSTICE  
AND STRONG  
INSTITUTIONS



**8** DECENT WORK AND  
ECONOMIC GROWTH



**17** PARTNERSHIPS  
FOR THE GOAL



**10** REDUCED  
INEQUALITIES



**1** NO  
POVERTY







# Skill Acquisition

## ZAB'Tech's Placement Strategy

Aligned with the ultimate outcome of the TVET education and training, **SZABIST-ZAB'Tech** considers itself more competent in terms of work placement of our trainees compared to other institutes in the TVET sector with a high placement rate of over 80% post-graduation. **SZABIST-ZAB'Tech** follows a focused placement approach and offers Internships, on-the-job trainings, and arranges job fairs where employers bring together unemployed work force and new labor market entrants to create efficient job matching opportunities. We also engage trainees and graduates in targeted capacity - building activities such as business simulations / incubators, presentation skills, mock interviews and CV development. In terms of liaising with prospective employers, we have proactive network with industry leaders and Chambers of Commerce in our Chapter's districts. Another unique feature of **SZABIST-ZAB'Tech** is an Institute Management Committee (IMC) formed in every Chapter. The President of the Committee is the head of the Chamber of Commerce of the respective District. Other Committee members are also from different business sectors.



### PARTNERING ENTERPRISES






## Partnerships & MoU signing ceremonies

31 July, 2023







# ZABTech's Potential Partners







## About The Chapters



### HYDERABAD

The **SZABIST-ZABTech** Hyderabad was established in the year 2000 by the name of **SZABIST** Job Skill Training Center (JSTC). It aims to impart quality training to trainees especially school and college dropouts to improve their lives and livelihoods. Being a TVET institute, we ensure the provision of skilled workers to communities and industries for the development of the local economy. This journey of skilling our youth was initiated in Hyderabad, so **ZABTech** Hyderabad enjoys the privilege of being the pioneer Chapter. More than 10,000 graduates have graduated from its training programs.



### LARKANA

**SZABIST ZABTech (iTUE)** Larkana was established in the year 2000. More than 9000 trainees have been trained in 40+ industrial trades. The certified trainees from **ZABTech** Larkana lead local industries with strong workmanship and skills. Currently, **SZABIST ZABTech** Larkana is offering 27 different courses which aim to train fresh graduates for the professional needs of the IT industry and corporate sectors. Courses offered include several IT certifications, marketing, management, and finance skills required for working in the corporate sectors.



## SHAHEED BENAZIRABAD

Established in the year 2002 by the name **SZABIST** Job Skill Training Center (JSTC), it was renamed **SZABIST ZABTech**. **ZABTech** Shaheed Benazirabad has enabled more than, 7,000 youth to take up industry-relevant skills training in 40+ conventional trades, helping them to secure better livelihoods. The Chapter also offers 12 CBT & A qualifications in mechanical and electrical engineering, hospitality, textile, business, service, and information technology sectors. The employment ratio of the graduates of **SZABIST** SBA has successfully reached 91%.



## TANDO MUHAMMAD KHAN

**SZABIST ZABTech** Tando Muhammad Khan was established in the year 2010. The Chapter trains TVET students in state-of-the-art facilities. **ZABTech** Tando Muhammad Khan offers industry - relevant skills training in more than 22+ different market - oriented trades. The employment ratio at this Chapter is over 80%. With a strong emphasis on practical learning and industry-relevant training, TVET institutions are essential pillars of workforce development and economic growth and empowerment.





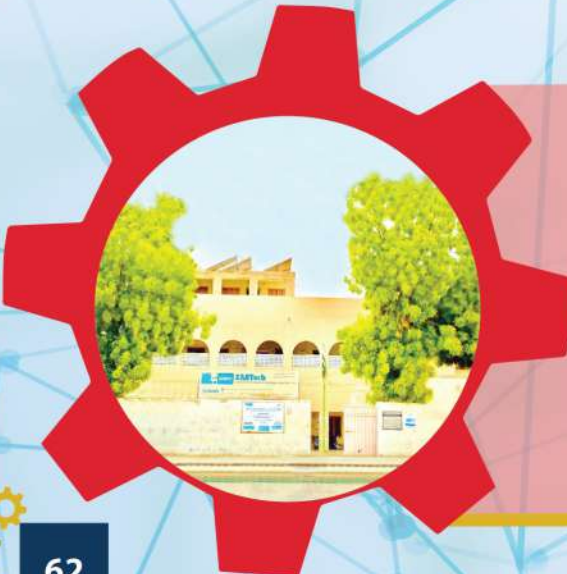
## KHAIR PUR MIR'S

**SZABIST ZABTech (iTVE)** Khairpur Mir's was established in the year 2015. The institute is accredited by NAVTTC, registered with STEVTA, and affiliated with SBTE. It offers High - Tech and Conventional training in collaboration with BBSHRDB, NAVTTC, and other national and international partners. The focus of the Management is on improving the Knowledge, Skill, and Attitude of trainees to ensure their transformation into highly trained professionals.



## SEHWAN (JAMSHORO)

The **SZABIST ZABTech (iTVE)** Sehwan was established in the year 2017 with the aim of upgrading the quality of training provided to the trainees & equip them with skills the **SZABIST ZABTech (iTVE)** Sehwan offers the specific courses which are designed, taking into consideration the market demands. The **SZABIST ZABTech (iTVE)** Sehwan is fully equipped with state - of - the - art computer labs, updated workshops, etc. The mission of **SZABIST ZABTech (iTVE)** Sehwan is "To enhance skills of local workforce to face global, regional & local competitiveness.





## GHARO (THATTA)

**SZABIST ZABTech** Gharo was established in 2017 with the aim to provide quality technical and vocational education in the Gharo District. Gharo (Thatta) chapter is located beside the Dhabeji industrial zone declared by the Government of Sindh **SZABIST ZABTech (iTVE)**, Gharo is focused on providing quality training and imparting the necessary Skills to individuals who shall be self-reliant economically. The trainees are also engaged in soft development sessions on workplace etiquette, interview Skills, and Guest speaker session conducted by industry experts to foster overall grooming of an individual.



## KARACHI (AZAM TOWN)

Government Polytechnic institute at Azam Town has been recently adopted by **SZABIST ZABTech** in the year 2022 from STEVTA under the Public Private Partnership. The institute holds a highly dynamic location in the urban context of Karachi, this institute will ensure the flavor of many integrated cultures living together in the Azam Town. The **ZABTech** institute will be a real privilege for the bulk youth of the area and will open doors of opportunities in a very subsidized and even free of cost vocational training, providing the skills to make their living better and pay a positive contribution in the country's economy.



## MIRPUR KHAS

**SZABIST ZABTech** Mirpurkhas is the breaking stone of the expansion of **ZABTech** in one more district of Sindh, counting it to be the 10th Chapter of **SZABIST ZABTech**. The Chapter is initiated with basic vocational female oriented trades such as Sewing and Beautician. TVET institute plays a crucial role in bridging the gap between knowledge and real - world application, empowering individuals with the skills needed to achieve success in their chosen professions.



## HUB (BALOCHISTAN)

Center of Excellence at Hub, Balochistan has been successfully adopted by **SZABIST ZABTech (iTVE)** in the year 2023, under Public Private Partnership act, Government of Balochistan. Technical Training Center (TTC) Hub has the ideal infrastructure as the TTC was initiated by the Germans, retaining the international standards of TVET Education and Training. We aim to focus on equipping students with practical skills and knowledge to prepare them for careers in various industries. The institution offers a wide range of hands - on courses and programs, in all 04 sectors namely: IT, Construction, Manufacturing and Services.





A large, multi-colored outline of a gear shape, filled with various technical icons such as gears, wrenches, a chef's hat, a power drill, a circular saw, a microscope, and a set of tools. The text "ZABTech Story" is centered within this shape.

# ZABTech Story

**SZABIST ZABTech**, the largest provider of Technical and Vocational Education & Training (TVET) in Sindh, goes beyond the realms of conventional skill development.

The journey of **ZABTech** commenced nearly two decades ago, aim to provide vocational training and basic literacy to a diverse population of marginalized individuals. Accredited by the National Vocational and Technical Training Commission of Pakistan (NAVTTTC), Sindh Technical Education & Vocational Training Authority (STEVTA), and the Trade Testing Board (TTB) Sindh, the institute has witnessed exponential growth, positioning itself as one of the leading private sector training providers in Pakistan



# WHERE WE ARE



Hyderabad



Larkana



Shaheed  
Benazirabad



Tando  
Muhammad Khan

Sehwan  
(Jamshoro)



Gharo  
(Thatta)



Karachi  
(Azam Town)



Hub  
(Balochistan)

Mirpur Khas



Project  
Implementation  
Units

