



Institute of
Business Administration
Karachi

Leadership and Ideas for Tomorrow



Center for Information & Communication Technology



Institute of Business
Administration, Karachi

CENTER FOR INFORMATION & COMMUNICATION TECHNOLOGY

BUILDING A DIGITAL FUTURE

The Role of IBA CICT in Hi-Tech Trainings

The IBA Center for Information & Communication Technology (CICT) at IBA Karachi is a premier Professional Development Center dedicated to Hi-Tech and New Technologies. Leveraging a strong alumni base and numerous corporate linkages, IBA CICT prides itself on its agility in responding to market demands. Our focus groups with industry professionals helps us to stay abreast of the latest advancements and design programs that meet evolving needs. Our goal is to create an IT ecosystem that empowers individuals with hi-tech skills, enabling them to thrive in a digital future.

What We Offer



We believe that IT is for everyone!



IBA CICT'S TRAINING METHODOLOGY

On-Site Training:

IBA CICT provides physical training sessions at our state-of-the-art facilities in IBA Karachi's campuses, ensuring access to top-notch infrastructure and resources. These on-site sessions offer an immersive learning environment for in-depth, hands-on experience.

Nationwide Training:

We offer training sessions across Pakistan, delivering expert-led programs tailored to your company's needs at any location. Our Islamabad training site, in collaboration with **NIBAF**, is also available, having previously hosted successful sessions.

TRAINING MODELS

1

DIPLOMA PROGRAMS

144 Hours

IBA CICT's Diploma Programs are designed for professional-level learning. These programs offer hands-on experience, allowing companies to nominate employees to enroll and acquire valuable, industry-relevant skills.

The extensive curriculum ensures participants gain comprehensive knowledge and practical expertise.

2

CERTIFICATION PROGRAMS

40 - 80 Hours

Our Certification Programs focus on hands-on learning with deep specialization in key areas. Companies can nominate their employees for these programs, enabling them to gain an in-depth understanding and advanced skills in specific domains, crucial for their professional growth.

3

WORKSHOP PROGRAMS

8 - 32 Hours

IBA CICT's Workshops offer specialized learning in targeted domains. These workshops can be customized to meet the specific needs of your company, or employees can be nominated to join our open enrollment programs, ensuring focused and relevant skill development.



OUR DIPLOMA & CERTIFICATION PROGRAMS

Diploma in Big Data Analytics

- Python Foundations for Big Data Analytics
- Big Data Wrangling
- Big Data Management with NoSQL
- Machine Learning
- Infrastructure for Real-Time Big Data Analytics

Diploma in Business Intelligence

- Data Visualization & Data Modeling
- Data from Different Data Sources and Transformation
- Python Programming in Power BI
- Data Analysis Expressions (DAX)

Diploma in Digital Marketing

- Python Foundations for Big Data Analytics
- Big Data Wrangling
- Big Data Management with NoSQL
- Machine Learning
- Infrastructure for Real-Time Big Data Analytics

Diploma in Cyber Security

- Cybersecurity Standards & Frameworks
- Cybersecurity Governance & Compliance
- Ethical Hacking & Pentesting
- Digital Forensics and Incident Response

Diploma in Flutter App Development

- Intro to Flutter & Dart Programming
- Advanced Flutter UI and Animation Techniques
- State Management & Data Handling in Flutter
- Deploying and Maintaining

Certificate in ERP SAP

- ERP Essentials
- ERP SAP Financials
- ERP SAP Human Capital Management
- ERP SAP Supply Chain
- Success Factor

Certificate In Security Operations Center

- Incident Detection and Response
- Compliance and Reporting
- Threat Intelligence Integration
- Endpoint Security & Managerial Skills

Certificate in Data-Driven Storytelling and Visualization

- Data Cleaning and Preparation
- Tools for Data Visualization
- Storytelling KPIs
- Real-Life Applications of Data Visualization

Certificate in Advanced MS Excel

- Power Query, BI in Excel, Dashboard Reporting, Power Pivot, Table analysis, Data Connections.
- Microsoft Visual Basic, Scripting
- Case studies in Marketing, Finance, HR & Supply chain

Certificate in Digital Earning Program

- Python Foundations for Big Data Analytics
- Big Data Wrangling
- Big Data Management with NoSQL
- Machine Learning
- Infrastructure for Real-Time Big Data Analytics



CUSTOMIZED CORPORATE TRAINING

From Gap Analysis to Execution | The Road Map to Digital Transformation

1



IT Consultancy & Gap Analysis

We start with comprehensive IT consultancy, conducting a thorough gap analysis to pinpoint specific areas where the company's skills or processes need enhancement.

2



Course Design Through Expert Collaboration

Based on the gap analysis, we design a customized training program. Industry professionals and academic experts collaborate to ensure the course content is both practical and aligned with the latest industry trends.

3



Program Execution

The tailored program is then executed, providing the company's team with targeted training that effectively addresses the identified gaps, resulting in enhanced performance and skill development.

4



Evaluation & Feedback

Post-training, we conduct a detailed evaluation to measure the program's impact, gathering feedback to ensure continuous improvement and lasting benefits for the company.

NAVIGATING THE DIGITAL AGE

Our Diverse Workshop Offerings at IBA CICT
FOR TOP MANAGEMENT

1

IT Transformation for Non-IT Leaders

Objective: Equip department heads with an understanding of IT transformation, focusing on how they can drive and support IT initiatives within their departments.

2

Project Management with IT Integration

Objective: Provide department heads with the skills to manage projects effectively by integrating IT solutions, improving project outcomes, & ensuring alignment with the organization's IT strategy.

3

IT Automation for Business Leaders

Objective: Equip department heads with an understanding of IT transformation, focusing on how they can drive and support IT initiatives within their departments.

4

Digital Transformation for Corporate Executives

Objective: Provide a comprehensive understanding of digital transformation, focusing on how department heads can lead their teams through this change to remain competitive in the market.

5

Digital Leadership in the Corporate Industry

Objective: Develop leadership skills in a digital context, enabling department heads to lead their teams in a technology-driven environment effectively.

6

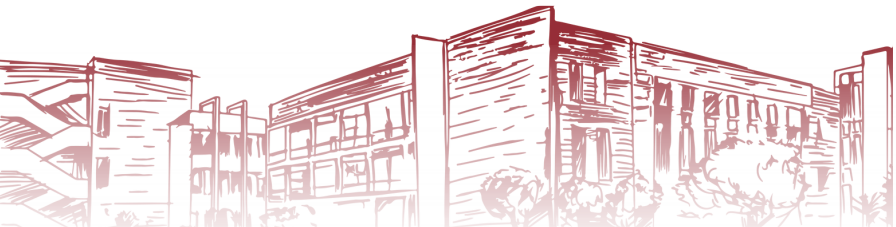
IT Transformation for Corporate Executives

Objective: Equip executives with the knowledge to lead IT transformation initiatives that align with business goals.

7

Data Privacy for Corporate Industry

Objective: To equip corporate professionals with the skills to implement effective data privacy measures, ensuring compliance and protecting organizational assets.



NAVIGATING THE DIGITAL AGE

Our Diverse Workshop Offerings at IBA CICT
FOR TOP MANAGEMENT

8

Digital Transformation in the Corporate Sector

Objective: Provide a comprehensive roadmap for digitalizing banking services.

9

Cybersecurity Awareness and Leadership

Objective: Equip leaders with the knowledge to prioritize and lead cybersecurity initiatives.

10

Data Analytics and Decision-Making

Objective: Empower executives to leverage data analytics for informed decision-making.

11

Blockchain and FinTech Innovations

Objective: Introduce leaders to emerging technologies like blockchain and FinTech, and their potential impact on banking.

12

Customer Experience in the Digital Age

Objective: Equip banking executives with the knowledge to lead IT transformation initiatives that align with business goals.

13

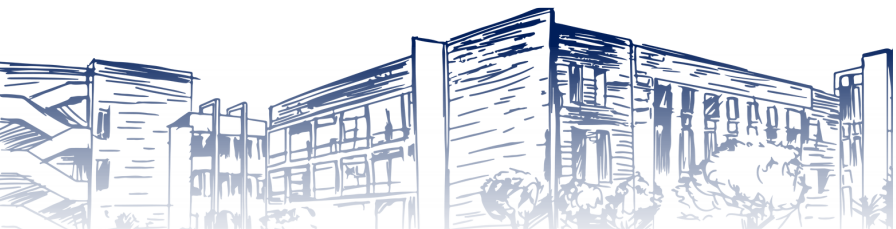
Regulatory Compliance in the Digital Era

Objective: Ensure leaders understand the evolving compliance landscape in the context of digitalization.

14

Fraud Detection and Prevention with AI

Objective: Enhance operational efficiency and decision-making through data-driven analytics and reporting.



NAVIGATING THE DIGITAL AGE

Our Diverse Workshop Offerings at IBA CICT
FOR TOP MANAGEMENT

15

Operation with Management with Analytics

Objective: Streamline user acceptance testing and reporting with advanced GPT prompt engineering for accurate results.

16

UAT GPT and Prompt Engineering for Reporting

Objective: Improve customer service quality and operational performance through strategic management and optimization tools.

17

Customer Service Management & Performance Optimization

Objective: Improve customer service quality and operational performance through strategic management and optimization tools.

18

HR Analytics and Data Visualization

Objective: Utilize HR analytics and data visualization techniques to drive workforce insights and better decision-making.

19

Digital Onboarding

Objective: Simplify and accelerate the employee onboarding process using digital tools and automated workflows.

20

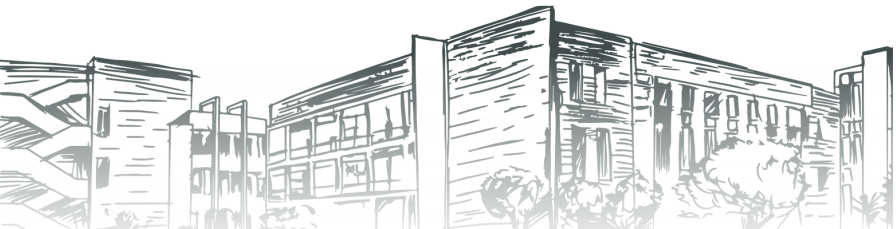
Financial Data Science and Machine Learning

Objective: Apply machine learning and data science techniques to enhance financial decision-making and risk management.

21

HR Metrix and KPIs

Objective: Track and optimize HR performance with data-driven metrics and KPIs for enhanced workforce management.





MEET THE TRAINERS AT IBA CICT

IBA CICT's faculty boasts diverse expertise from industry experts, international trainers, and specialists, ensuring comprehensive, up-to-date training. Participants gain valuable insights from top professionals worldwide.



DR. SHAKEEL AHMED KHOJA

Trainer - Data Privacy & IS
IBA Karachi - Pakistan



SAIYED SHAHAB AHMED

Head of Digitalization - PARCO
Trainer - IBA Karachi



FAISAL JALAL

Chairman - FJ Holdings
Trainer - IBA Karachi



SANA ZAHRA AHMED LAKHANI

Vice President - RapidCompute
Trainer - IBA Karachi



MUSTAFA SHIRAZ AHMED

Senior Joint Director - SBP
Trainer - IBA Karachi



MUHAMMAD RIZWAN

Head of IT - Bachaa Party
Trainer - IBA Karachi



RESHAM JAMAL RAJPER

Trainer - Digital Marketing
IBA Karachi - Pakistan



DR. AFFAN ALIM

Trainer - Data Science
IBA Karachi - Pakistan



SOHAIL IMRAN

Trainer - Data Science
IBA Karachi - Pakistan



AYESHA ARSHAD

Trainer - SOC
IBA Karachi - Pakistan



ASIF IQBAL

Chairman Advisory Board -
DMAP
Trainer- IBA Karachi



ABDUL MAJID JAMIL

Trainer - Cyber Security
IBA Karachi - Pakistan



ASMA TOUQUEER

Trainer - Internet of Things
IBA Karachi - Pakistan



SALMAN HANIF

Financial Planning &
Forecasting Analyst -
DVAGO



SYED AFTAB AHMED

Head - BI Unit Keenu
Trainer - IBA Karachi



AHSEN AGHAI

Senior Manager - DM
Herbion
Trainer - IBA Karachi



ASMA MIRZA

SPO - ImpelEdge
Trainer - IBA Karachi



MUHAMMAD ARFEEN KHAN

Manager Data & Business
Intelligence - Bachaa Party



KHURRAM MUNIR

Lead Data and Process
Solution - HBL



MUHAMMAD HAMMAD

Founder - Brandatree
Trainer - IBA Karachi



CYBER CLINIC

Introducing Cyber Clinic, a groundbreaking platform crafted to empower industry professionals in tackling cybersecurity challenges head-on. Developed in collaboration with the European Union under the ReCypher Project at IBA Karachi, Cyber Clinic offers a comprehensive suite of services leveraging top-notch, high-end equipment sourced from international vendors.

Explore Various Aspects of Cyber Security

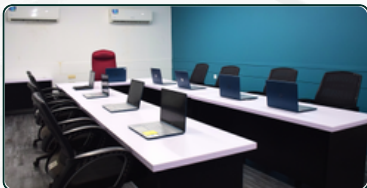
Ethical Hacking

**Security
Operations Center**

Penetration Testing

**Real-world
Simulations**

**Cyber Threats
Awareness**





TRUSTED BY
**MORE THAN
80+ BUSINESSES IN
THE CORPORATE
SECTOR**

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