


# 40-Hours Training Workshop on **TEACHING WITH AI** for Middle and High School Teachers

 **Rs. 60,000/-** (Early Bird 20%)

 **Saturdays only**

 **09:30 AM - 12:30 PM**

## MODULES

Fundamentals of AI  
in Education

AI-Driven Lesson  
Planning

Automating  
Administrative Tasks

AI in Assessments  
and Feedback

Collaborative  
Learning with AI

Advanced Classroom  
Innovations

## Objective

Equip middle and high school teachers, coordinators, & principals with practical skills to integrate AI-driven teaching methodologies into their classrooms using hands-on applications with relevant AI tools and software.

## Methodology

- Practical Sessions: 60% of the workshop focuses on hands-on exercises.
- Software Demos: Step-by-step walkthroughs of each tool.
- Interactive Projects: Teachers work in groups to design AI-driven lessons and assessments.
- Real-World Applications: Participants implement AI strategies in mock classroom scenarios.
- Peer Feedback: Collaborative feedback on designed materials.

## Outcome

By the end of this workshop, participants will:

- Gain hands-on experience with AI tools like ChatGPT, Canva, Kahoot, and Power BI.
- Automate administrative tasks and personalize learning using adaptive AI platforms.
- Design interactive lessons and assessments integrated with AI-driven tools.
- Foster a collaborative and engaging classroom environment.
- Adapt AI for continuous self-learning and professional development.

# Modules in the Program

## Module 1: Fundamentals of AI in Education

### Introduction to AI and Its Role in Teaching

- Overview of AI and its potential in education
- Real-world examples of AI-driven teaching solutions

### Ethics and Privacy in AI Usage

- Understanding data security and ethical AI use
- Strategies to maintain student and teacher privacy

### Hands-On: Exploring AI Tools

- Software: ChatGPT, Grammarly, Gemini
- Participants use these tools to create personalized responses, correct assignments, and prepare lesson outlines.

## Module 2: AI-Driven Lesson Planning

### Creating AI-Enhanced Lessons

- Software: Canva (AI-powered design), Microsoft Designer
- Use AI to design visually appealing lesson materials and presentations.

### Hands-On: Adaptive Learning Paths

- Software: Smart Sparrow, Edmodo
- Creating individual learning paths using adaptive AI platforms.

### Interactive Content Development

- Software: Nearpod, Quizlet
- Develop AI-generated quizzes, interactive polls, and virtual lesson activities.

### Practical Classroom Scenarios

- Simulating classroom settings with AI tools.
- Designing and testing a lesson plan with AI enhancements.

## Module 3: Automating Administrative Tasks

### Streamlining Grading and Feedback

- Software: Google Forms (with Flubaroo), Gradescope
- Participants automate grading and provide instant feedback for assignments.

### Time Management and Scheduling

- Software: Trello, Notion AI
- Manage lesson schedules, project timelines, and communication using AI.

### Tracking Student Performance

- Software: Power BI, Tableau
- Analyze student data to identify learning trends and needs.

## Module 4: AI in Assessments and Feedback

### Designing AI-Powered Assessments

- Software: Kahoot, Socrative
- Create engaging quizzes and exams with AI-powered tools.

### Hands-On: Personalized Feedback

- Software: Turnitin (AI for originality reports), ChatGPT (feedback drafts)
- Participants generate personalized feedback for assignments and projects.

### Interactive Feedback Mechanisms

- Real-time feedback sessions using student responses.

## Module 5: Collaborative Learning with AI

### AI-Driven Collaborative Tools

- Software: Padlet, Miro
- Foster group activities and brainstorming sessions using AI-enhanced collaboration platforms.

### Engagement Through AI Bot

- Software: Custom Chatbot Builders (Tars, Landbot)
- Create and deploy chatbots to address student queries and automate repetitive tasks.

## Module 6: Advanced Classroom Innovations

### Integrating AI with Emerging Tech

- Software: Google Lens (AR integration), Virtual Reality tools (CoSpaces)
- Explore combining AI with AR/VR for interactive learning experiences.

### Self-Development with AI Tools

- Software: LinkedIn Learning AI, Duolingo
- Use AI tools for continuous professional growth and upskilling.

## Trainers Profile



### **Dr.Shakeel Ahmed Khoja**

**Dean - SMCS - IBA Karachi**



Dr. Shakeel Ahmed Khoja, Professor and Dean at IBA Karachi, brings over two decades of expertise in Computer Science. A PhD graduate from the University of Southampton, UK, he has held key positions such as Chairperson of the Computer Science Department and edited a book on Data Science by Routledge. Dr. Khoja is a member of ACM, IEEE, and BCS, and is renowned for integrating IT into teaching methodologies. His expertise encompasses academia, project management, IT consultancy, and research, making him a prominent figure in Computer Science education.

### **Dr.Tarik Emre Yıldırım**

**Associate Professor & Researcher**



Dr. Tarik Emre Yıldırım, an Associate Professor with over 20 years of global teaching and research experience, specializes in communication, social sciences, and emerging technologies. His research explores AI-human interaction, geojournalism, and misinformation in the digital era. Currently, he teaches master's courses in Data Journalism and Family Communication while leading interdisciplinary research projects. Dr. Yıldırım has guided students in presenting at top conferences, including ICROSS 2024, on AI companion technologies. Committed to fostering critical thinking and future-ready skills, he advances research tackling global issues like sustainability and media ethics.

### **Dr.Irfan Nabi**

**Academic Quality & Enhancement Specialist -IBA**



Dr. Irfan, a faculty member at IBA since 2003, specializes in computer science, information systems, and cybersecurity. In collaboration with the European Union, he has launched courses and workshops to enhance cyber resilience in the digital age. His efforts focus on empowering organizations to protect data and mitigate cyber threats. Committed to advancing cybersecurity awareness, Dr. Irfan equips individuals and entities with the skills to tackle evolving digital risks. Through his initiatives, he continues to contribute to a more secure and cyber-resilient society.