

Certificate in Artificial Intelligence in Healthcare (AIHC)

Accredited by **Baqai Medical University**, provided by **CorTeach**.



About Baqai Medical University



Within certain souls lies a fervent desire to uplift their surroundings.

Dr. F.U. Baqai and Dr. Zahida Baqai epitomize this ethos, driven by their profound commitment to healthcare and societal betterment. In the late sixties, they embarked on a journey, choosing medicine as their medium to serve humanity. With grace and determination, they established a private hospital complex in Nazimabad, marking the inception of a legacy. Today, their noble endeavor continues to inspire, shaping the future of healthcare and social service.

i About the programme

This course is designed to introduce healthcare workers and professionals to the applications of artificial intelligence in the field of healthcare. Through comprehensive modules, participants will gain an understanding of the potential of AI in healthcare and explore its applications across various aspects of triage, hospital management, and patient management.

A multimedia-rich online component is an integral part of the course. Both synchronous and asynchronous learning tools are utilized to teach, collaborate, and support participants during the whole course.

? Who is the programme aimed at?

This program is aimed at all healthcare professionals who are interested in enhancing their knowledge and skills healthcare management with latest advancements of technology.

Participants on the program will be able to utilise the latest AI innovations to upgrade their workflow as well as suggest appropriate advances for their hospitals and clinics.

? How will this programme be delivered?

This part-time interactive programme will be provided through a delivery model which blends self-directed learning with tutor-led team based learning.

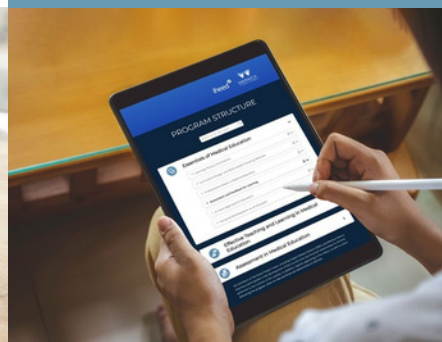
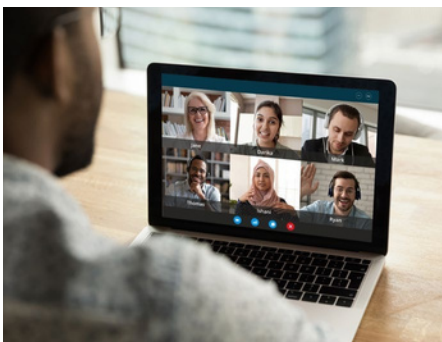
Throughout the course, students will engage in:

- Fortnightly online synchronous tutorials
- Stimulating weekly activities
- Tutor-moderated discussion forums
- Reflective exercises
- Practical application of teaching and learning in their clinical or academic environment

i Graduates of this programme will:

- utilize the foundational principles of AI in medical settings to effectively evaluate and integrate AI-driven decision-support tools into clinical workflows and medical judgment.
- Apply conversational interfaces and natural language processing tools effectively to improve communication, documentation, and interaction within healthcare environments.
- Develop the framework necessary to critique, monitor, and maintain data security, algorithmic reliability, and ethical accountability when deploying AI technologies in clinical practice.

- Three Credit Hour Course
- Level 7 (Masters Level)
- Course Transcript provided



? What will you study?

Module	Learning Objectives
Foundation of AI in Clinical Practice	• Explain the core concepts, terminology, and historical evolution of artificial intelligence and machine learning in healthcare. • Identify key clinical use cases where AI applications can enhance workflow efficiency and patient outcomes. • Navigate basic hands-on AI tools to interpret healthcare data and assist in routine clinical operations.
AI-Driven Decision Support & Medical Judgment	• Analyze clinical decision support systems (CDSS) to assist in diagnostic and treatment planning. • Evaluate the alignment between AI-generated recommendations and evidence-based medical judgment. • Assess the limitations and potential biases of diagnostic algorithms within clinical practice.
The Conversational Interface in Healthcare	• Formulate effective prompts and queries for large language models (LLMs) to retrieve and synthesize medical information. • Implement conversational AI tools to streamline clinical documentation, patient communication, and administrative tasks. • Critically review AI-generated communication outputs for clinical accuracy, empathy, and tone.
The Architecture of Trust & Accountability	• Apply ethical standards and regulatory frameworks to ensure patient privacy and data security in AI deployment. • Evaluate transparency, explainability, and error handling in medical AI algorithms. • Establish protocols for professional responsibility and accountability when utilizing automated systems in care delivery.

Course Plan:

- Postgraduate Certificate for **3 months**
- **Two sessions** planned every month on alternative Sundays
- Timings are 11:30 am - 1:30 pm (GMT +5)

Programme Entry Requirements:

Applicants must:

- Have completed their undergraduate education.
- Have an interest or background in healthcare.



Program Costs

Pakistan: PKR. 50,000/-
International: USD 200/-



Register your interest at
www.corteach.com/calendar/aihc

Who is CorTeach?

CorTeach is a leading education solutions provider, committed to innovation in teaching and learning. We offer online and blended courses, customized course development, AI chatbot, faculty training, and cutting-edge Learning Management System (LMS) solutions to transform educational experiences.

Our advisory services help institutions implement strategic, tech-driven advancements in education, ensuring impactful and future-ready learning environments.

Whether you're seeking to enhance professional development, optimize course delivery, or integrate innovative learning technologies, CorTeach empowers educators and organizations with tailored, forward-thinking solutions that redefine the future of education.

Visit us at www.corteach.com

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AI will not replace doctors, but
doctors who use AI will replace
those who don't.

Dr. Bertalan Meskó,
Director of The Medical Futurist Institute

“
The greatest opportunity offered by
AI is not reducing errors or
workloads... it is the opportunity to
restore the precious and time-
honored connection and trust - the
human touch - between patients
and doctors.

Dr. Eric Topol
*Author of Deep Medicine: How Artificial
Intelligence Can Make Healthcare Human
Again.*

Interested?



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