Certificate in Artificial Intelligence in Research (AIR)

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.

1 About the programme

This course is designed to empower researchers with the knowledge and skills to effectively leverage artificial intelligence (AI) technologies to enhance their research workflow. Through comprehensive modules, participants will gain an understanding of the potential of AI in research and explore its applications across various aspects like literature search, data analysis, and manuscript writing.

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.



their research endeavors.

? Who is the programme

This program is designed for all

researchers who are eager to

elevate their skills in alignment

aimed at?

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



? 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

Graduates of this programme will:

- Be able to describe the basics of artificial intelligence and its application in research.
- be able to use AI tools to generate research ideas.
- Be able to analyze data using Al tools.
- Improve their manuscript writing process using AI tools.

What will you study?

Module	Learning Objectives
Generating Research Ideas with AI	 Evaluate the effectiveness of AI tools in identifying gaps in existing research literature. Construct novel research questions using AI-generated insights and trends.
Literature Searching and Review	 Analyze the relevance and credibility of sources retrieved through Alpowered search tools. Organize existing literature using Al-assisted online tools.
Improving the Writing Process with Al	 Revise academic drafts by incorporating Al-generated suggestions for clarity and coherence. Design structured outlines for research papers using Al-based writing assistants.
Data Analysis with Al	 Apply AI algorithms to preprocess and clean research datasets for analysis. Select appropriate AI tools to process data collected for research projects employing different methodologies. Interpret the results of AI-driven data analysis to draw meaningful conclusions.
Ethical Aspect	 Assess potential biases in AI tools used for research and their impact on outcomes. Propose strategies to mitigate ethical concerns related to AI use in academic research.
Al Research Project	 Develop a comprehensive research project plan integrating AI tools at various stages. Present findings from an AI-assisted research project, highlighting the role of AI in the process.

Course Plan:

- Postgraduate Certificate for 3 months
- **Two sessions** planned every month on alternative Saturdays.
- Timings are 10:30 am 12:30 pm (GMT +5)

Programme Entry Requirements:

Applicants must:

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

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





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, Al 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.

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