

# Development of bioactive medical textiles by immobilizing nanoparticles at cotton fabric

Munir Ashraf

National Textile University, Egypt

## Abstract

The Kingdom of Bahrain has always been the first in strategy setting and the first to bring in innovation and services among the GCC countries. The current and future era are the era of Artificial Intelligence. For all countries, their GDP growth is dependent on Artificial Intelligence, hence it's important that the Kingdom of Bahrain to fast-track Artificial Intelligence for its stronger GDP support. Bahrain has a history of remaining largely self- dependent on local talent for technology. In the 1940s, the first mega IBM computer was installed in the Bahraini oil field, and in the 1970s, major companies such as Cable and Wireless International invested in training local talent, sending engineers to UK centers for training, Bahrain's adoption of AI technology will help grow its GDP by 8.2 percent per year by 2030, according to a report on AI adoption in the Gulf by consultancy PwC. Local universities have developed programs such as that, that have graduated thousands of students. With the vast knowledge base, experience, and spirit of innovation that has grown locally amongst Bahrainis, AI, and technological human capital is a major strength for a country that positions itself as the future Silicon Valley of West Asia. There is currently no regional research and development center that might have the capability of innovating and developing AI solutions for regional consumption, reducing the need to import technologies from other regions.

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## Biography

Munir Ashraf, Chairman at Department of Textile Engineering

and Associate Professor in National Textile University.