

MY SAMARKAND

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*The Samarqand Quantum Centre, the Sole Scientific Hub in the Region,
is Opening New Frontiers in Science and Knowledge*

Symbol of a Thousand Years of Thought, Culture, and Faith

Coming to Uzbekistan was not just a simple change for me; it was one of the most inspiring journeys of my life. During my time living and working in this country, I have become deeply immersed in its rich history, unique culture, and rapidly developing scientific environment. At the same time, representing my homeland of Bangladesh and showcasing its values has become an important task for me.

Although Uzbekistan and Bangladesh are located far apart, there are notable similarities in the cultures, traditions, and historical roots of these two countries. Both nations have been shaped by their unique geography, climate, and historical influences. The shared values that unite us, however, have always been a source of inspiration for me: love for art, education, and progress.

The Great Silk Road played a crucial role in shaping Uzbekistan's culture and identity for centuries. This historical route connected East and West, and merchants, scholars, and travellers visited these lands, enriching cultural harmony with their knowledge and experiences. Uzbekistan's territory has left an indelible mark on history as a crossroads of civilisations, demonstrating a unique blend of Turkic and Islamic traditions. This rich heritage continues to be reflected in the daily lives, customs, and art of the Uzbek people to this day.

Siyob Bazaar is a vibrant and bustling place. The air here is filled with the fragrant aromas of spices, fruits, and traditional dishes. As I wander through the stalls selling handmade ceramics, silks, and handicrafts, I am reminded of the bustling markets of Bangladesh. In both countries, trade, craftsmanship, and respect for tradition remain significant cultural values.





Bangladesh is a land of fertile soil, unique landscapes, and rivers. The country is rich in festivals with Pohela Boishakh, the Bengali New Year, holding particular importance for our people. The holiday's origins can be traced back to the Mughal era, when the then ruler Akbar Shah introduced the Bengali calendar. Today, Pohela Boishakh symbolises new life, unity, and prosperity. Art, music, and dance are all integral to Bangladeshi culture. The musical legacy of Rabindranath Tagore and Kazi Nazrul Islam — known as Rabindra Sangeet and Nazrul Geeti — has played a significant role in shaping the spirit and national identity of the Bangladeshi people.

I received my Bachelor's degree from Moscow Technical University in Russia, and my Master's and Doctoral degrees from Portland State University in the US. Throughout my career, I have taught AI, quantum computing, cybersecurity, big data analytics, and robotics at several universities. I also worked as Head of the International Education Development Department at Synergy University in Russia.

I am currently leading research projects on AI and quantum computing technologies at Samarkand State University. Centres specialising in modern research areas such as cybersecurity, big data analytics and robotics are being constructed here. At the same time, I am managing projects aimed at radically transforming higher education based on AI at the Higher Education Council in Bangladesh.

As director of Bangladesh Satellite Company Limited, I was involved in the project to launch our country's first artificial satellite into orbit. This project was a significant technological achievement and a source of national pride.

Returning to Samarkand, I found the city deeply inspiring. In particular, Samarkand State University's Quantum Computing Department is considered unique in Central Asia. By collaborating with prestigious foreign institutions such as the University of Texas, Dallas, the Samarkand Quantum Centre is opening new horizons in science, becoming the only centre of its kind in the region.

I envisage four main areas that will shape the future. Smart and sustainable cities, global STEAM innovation centres, quantum-resistant cybersecurity, and AI-based robotics. Together, they will lead humanity towards a safe, intelligent, and interconnected world.

Samarkand is more than just a workplace to me. This city has embraced me, inspired me, and constantly reminds me of its power to bridge the past and the future. Registan Square, the Amir Timur Mausoleum, the Bibi-Khanym Mosque, and the Shah-i-Zinda complex are not just historical monuments; they are symbols of millennia-old thought, culture, and faith.

At Samarkand State University, I am involved in exciting scientific projects, international collaborations, and high-calibre academic activities. Here, I have the opportunity to share my knowledge and experience with future generations and to drive innovation forward.

I feel like an integral part of this place, where history and modernity coexist in harmony. After all, it is here that the echoes of the past are being transformed into visions of the future.

