

GIST cooperates with Norma Co., Ltd. to build Korea's first 'Quantum AI Computing Center'

- Expect cooperation in six areas, including building Korea's first quantum AI computing center with quantum computing company 'Norma' and developing and commercializing quantum computer hardware



▲ GIST and Norma Co., Ltd. signed a business agreement (MoU) to build Korea's first quantum AI computing center and commercialize quantum computers, and (from the left) GIST President Kichul Lim and Norma Co., Ltd. CEO Hyeon-cheol Jeong are taking a commemorative photo.

The Gwangju Institute of Science and Technology (GIST, President Kichul Lim) announced that it signed a business agreement (MoU) with Norma Co., Ltd. (CEO Hyeon-cheol Jeong), a company specializing in quantum security and quantum computing, to build Korea's first quantum AI computing center and commercialize quantum computers.

The agreement ceremony was held on Thursday, June 13th, in the conference room of the GIST administrative building with the attendance of approximately 10 people, including GIST President Kichul Lim, Vice President for Academic Affairs Sang-Don Kim, International and Public Affairs Dean Jae Gwan Kim, AI Policy and Strategy Graduate School Dean Joon Ha Kim, Norma Co., Ltd. CEO Hyeon-cheol Jeong, team leader Seung-taek Lee, and Jae-seung Lee, as well as other key officials.

The two organizations plan to build Korea's first quantum AI computing center at GIST based on the quantum technology they have accumulated so far and the experience gained through exchanges with related organizations at home and abroad.

Once the quantum AI computing center is built at GIST, it will be possible to provide quantum computing services such as cryptocurrency, high-speed data search, quantum simulator, and quantum machine learning for the first time in Korea. There are great expectations that this will lead to innovative improvements in industry, security, and public services.

Founded in 2011, Norma has recently expanded its business in the quantum computer hardware field and is carrying out quantum computer construction projects with various domestic and foreign institutions and companies.

Representative products include 'Q Care Connect', a high-performance SSL VPN using quantum-resistant cryptography (PQC) technology, and 'Q Platform', which provides a quantum program development and execution environment.

The main contents of the agreement include exchange and cooperation in six major areas ▲ Establishment of Korea's first quantum AI computing center ▲ Development and commercialization of quantum computer hardware ▲ Development and commercialization of quantum computer software and applications ▲ Development and commercialization of quantum computer cloud services ▲ Development of quantum computer education programs and talent development ▲ Quantum computing, including marketing cooperation for related businesses.



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GIST President Kichul Lim said, "Currently, GIST is focusing on quantum and artificial intelligence (AI) research and education centered on the Artificial Intelligence

Policy&Strategy Graduate School. Through continued cooperation with Norma, we will concentrate quantum technology and contribute to building Korea's first quantum AI computer center and commercializing quantum computers."

Norma Co., Ltd. CEO Hyeon-cheol Jeong said, "Quantum AI can be used to increase competitiveness and promote innovation across society, from the economy to science and defense. Korea's first quantum computing AI center that integrates quantum technology will become a key indicator of the quantum industry ecosystem in the future."

Meanwhile, GIST recently signed a business agreement with AWS Korea to conduct quantum computing and AI-related research, and plans to establish a corporate research center at the Graduate School of AI Policy and Strategy to conduct quantum computing-related research.