

GIST Receives 5.5 billion won software donation from Emerson... Full-scale training of ai semiconductor testing talent begins

- A follow-up achievement to the industry-academia collaboration MOU signed this past April... Secured licenses for simultaneous use by up to 1,000 people by receiving a donation of educational and research software from NI, the Test & Measurement business unit under global industrial automation technology company Emerson

- Laying the foundation for the operation of the 'GIST-NI School'... Promoting the cultivation of practical talent in the field of semiconductor testing and verification



▲ Attendees pose for a commemorative photo after holding the 'NI Software Donation Ceremony' with NI, the test and measurement division of Emerson, a global leader in industrial automation technology, at the Administration Building on Thursday, May 28.

The Gwangju Institute of Science and Technology (GIST, President Kichul Lim) announced that it held the 'NI Software Donation Ceremony' with National Instruments (NI), the test and measurement division of Emerson, a global leader in industrial automation technology, on the 5th floor of the Administration Building on Thursday, May 28.

This event was organized as the first follow-up collaborative project to the Memorandum of Understanding (MOU) signed on April 10 to foster specialized personnel in the field of AI semiconductor testing and strengthen industry-academia cooperation. It is particularly significant in that it marks the full-scale establishment of the 'GIST-NI School' and the cultivation of practical talent in the field of AI semiconductor testing and verification.

The donation ceremony was attended by GIST President Kichul Lim, Vice President for Public Affairs Yonghwa Chung, Dean of Office of International and Public Affairs Eunji Lee, Dean of the College of Information & Computing Kangwook Kim, and Professor Sung Yang, as well as officials from both institutions including Emerson Test & Measurement (NI) Korea General Manager Koo-hwan Jung, Manager Tae-hyung Kim, and NI Square CEO Jun-do Park.

Through this donation, GIST will receive NI academic volume licenses (AVLs) worth approximately 5.5 billion KRW free of charge for the first two years.

AVL is a large-scale educational and research software license capable of accommodating up to 1,000 simultaneous users. Students and researchers can utilize it to conduct practical training in measuring and analyzing the performance of semiconductors and electronic equipment, as well as designing automated test systems.

The provided software includes LabVIEW, a graphical development environment for measurement control and data acquisition; TestStand, an automated test management solution; and SystemLink, a test data management platform.



▲ (From right) GIST President Kichul Lim and Koo-hwan Jung, President of Emerson Test & Measurement (NI) Korea, pose for a commemorative photo after holding the 'NI Software Donation Ceremony.'

Based on the software acquired this time, GIST plans to strengthen practical, hands-on education in the field of AI semiconductor testing and verification, and to implement test environments used in industrial settings within the campus.

In particular, by utilizing Emerson Test & Measurement (NI)'s core solutions to operate training programs in semiconductor test automation, measurement data analysis, and AI-based inspection algorithm verification, GIST plans to advance the system for cultivating next-generation AI semiconductor testing specialists. This is expected to serve as the operational foundation for the 'GIST-NI School,' which conducts test and verification training alongside the 'GIST-Arm School,' which is responsible for AI semiconductor design education.

Koo-hwan Jung, President of Emerson Test & Measurement (NI) Korea, said, "I hope this software donation will serve as a foundation for GIST students to grow into professional talents equipped with the verification and testing capabilities required by the global semiconductor industry," adding, "We will continue to contribute to strengthening the competitiveness of Korea's AI semiconductor industry through close industry-academia cooperation with GIST."

GIST President Kichul Lim said, "It is very meaningful that the agreement signed last April has led to a tangible result in the form of a large-scale software donation." Adding, "Taking this donation as an opportunity, we will further strengthen the education and research infrastructure in the field of AI semiconductor testing and verification, and do our best to foster GIST as a core hub of the southern semiconductor cluster to produce world-class, practical semiconductor talent."