

## **GIST, Director In-sik Lee delivers invited lecture on the theme of 'Industry 5.0 and Blue Technology'... <GIST Academy June Breakfast Forum>**

- June 25 (Tue) at Oryong Hall, approximately 50 GIST Academy alumni and local business executives in attendance
- "In the era of Industry 5.0, eco-friendly technologies inspired by nature or imitating life will become the driving force for future economic growth with both sustainability and economic feasibility."



▲ GIST Academy held a June breakfast forum at Oryong Hall with Director In-sik Lee as the guest, and took a commemorative photo.

The Gwangju Institute of Science and Technology (GIST, President Kichul Lim) announced on Tuesday, the 25th that it held a June breakfast forum at Oryong Hall, inviting Director In-sik Lee of the Knowledge Convergence Research Institute, who has continuously explored sustainable future technologies, with the attendance of approximately 50 representative businesspeople from the Gwangju and Jeonnam regions.

Director In-sik Lee, widely known as 'Korea's first science columnist,' is an expert in the fields of information technology (IT) and science. In his books, 'Nature is a Great Teacher' and 'Industry 5.0,' he has presented a future vision of sustainable growth through job creation and economic growth contributions through biomimetics and blue technology innovation.

Director Lee, who graduated from the Department of Electronic Engineering at Seoul National University, served as the representative of the ESG Blue Technology Forum, a member of the National Science and Technology Advisory Council, the director of the Culture Creation Academy, and an adjunct professor at KAIST.

On this day, the director presented future science and technology that will become the driving force of new economic growth and its direction under the theme of 'Industry 5.0 and Blue Technology.'

Noting Leonardo da Vinci's view that "nature is the best teacher," the director predicted that eco-friendly technologies inspired by nature or imitating life will

become the driving force for future economic growth that is both sustainable and economically viable.

For example, wind turbine blades modeled after palm trees, ceiling fans inspired by sycamore seeds, and spandex fibers modeled after the way spiders make webs are representative examples of blue technology, which he explained as human-centered technology that interconnects the strengths of humans and machines by taking inspiration from the principles of nature.

He mentioned the limitations of the Fourth Industrial Revolution, or Industry 4.0, which combines information technology with traditional industries to automate and equip them with intelligent systems, and emphasized, "In the era of 'Industry 5.0,' which refers to the Fifth Industrial Revolution, we must move forward into the future through blue technologies that can achieve harmony among nature, humans, and machines."

GIST Academy operates GIST's non-degree program Techno Management Business Academy (GT MBA, opened in 2010) and hosts the 'GIST Academy Breakfast Forum' on the last Tuesday of every month in March, May, June, September, and October, inviting experts from various fields as lecturers.

In particular, in order to achieve balanced development of regional industries, the Eastern Region (Yeosu, Suncheon, Gwangyang) GT MBA program will be additionally opened in Suncheon City in September to cover the latest science and technology and global management issues.

