

GIST, Ranked Fourth in the World for the Number of Thesis Citations for the Past Two Consecutive Years

The Gwangju Institute of Science and Technology(GIST) maintained its 4th place ranking in the world and 1st place ranking in Korea in this year's QS World University Rankings for the category of citations per faculty, which has allowed GIST to maintain its ranking from last year.

GIST has ranked 2nd in the world in 2015 and 2016, 3rd in 2017 and 2018, and 5th in 2019 for the number of citations per faculty. Starting with last year's QS results, GIST has been ranked 4th in the world for the second year in a row. In Korea, GIST has been at the top position for the past 14 years and has been recognized for its world-class research capabilities.

◇ Conducting various research that contributes to improving the quality of life

Recently, various research has been actively performed at GIST, such as the development of technology to make eco-friendly vehicle fuel from carbon dioxide which is a greenhouse gas, research identifying the relationship between global warming and the risk of wildfires through data analysis, development of technology to automatically land a drone onto a moving vehicle, and the development of technology to convert substances causing fine dust pollution into more eco-friendly materials. All of these studies contribute to improving quality of life and welfare through sustainable development.

◇ Fostering “entrepreneurship specialists” in the field of artificial intelligence

The GIST Artificial Intelligence Graduate School, which opened last March in 2020, selects 50 students every year for its doctoral level course. The AI Graduate School contributes to revitalizing the local economy and to industrial innovation

by nurturing specialists tailored for the 4th Industrial Revolution through research in the field of artificial intelligence.

The GIST AI Graduate School is focused on three keyword areas: Education · Research · Entrepreneurship and includes convergence research in the fields of health care, automobiles, and energy, which are specialized regional industries. Accordingly, many students challenge themselves to start a business as their primary goal after graduation.

◇ **Full-scale research in the field of artificial intelligence with MIT**

GIST has been recognized for its world-class research capabilities by ranking fourth in the world in the category of “the number of citations per faculty” and has been ranked number one in Korea for the past 14 years. (The photo shows a panorama view of the Gwangju Institute of Science and Technology.)

Starting from this year, the GIST Institute for Artificial Intelligence has been conducting international collaborative research in the field of artificial intelligence with the Massachusetts Institute of Technology (MIT). GIST-MIT joint research projects are meant to discover several cooperative tasks, such as core technologies to be used in comprehensive projects with MIT’s computer graphics experts as well as AI and robotics experts and to focus on securing global references for content development. For example, Professor Seung-Jun Kim and his team from the School of Integrated Technology is developing a vehicle XR (eXtended Reality) platform technology and content to enhance passenger experiences inside cars of the future. GIST plans to further promote the training of XR practitioners through joint research with MIT and student exchanges.

◇ **Supporting student entrepreneurs with their ideas**

GIST is making leaps and bounds not only in research achievements but also in supporting startups. GIST was selected as the “best university to start a business”

for three consecutive years (2017-2019). A specialized training program for nurturing specialists centered on technology startups and a minor in entrepreneurship for a master's degree that can lead to actual startup creation are also offered by GIST. Furthermore, students who are interested in starting a business are given opportunities to acquire a global and practical entrepreneurial perspective by attending the Israel Institute of Technology and by training at Finland's Slush Startup Conference.

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