



# Gwangju Institute of Science and Technology

Official Press Release — <https://www.gist.ac.kr>

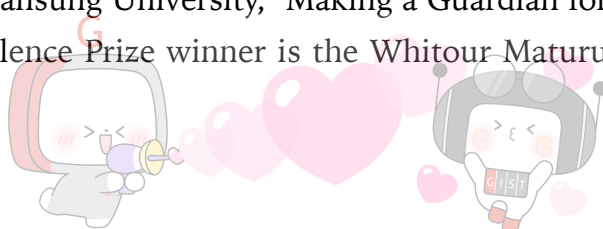
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## GIST hosts online 'Artificial Intelligence & Internet of Things Hackathon' star-up competition

- GIST (Gwangju Institute of Science and Technology, President Kiseon Kim) hosted the online 'Artificial Intelligence & Internet of Things Hackathon'\* star-up competition, an event for the general public start-up program to lead the 4th Industrial Revolution, was held online for 6 days from December 14th to 19th.

\* Artificial Intelligence & Internet of Things Hackathon: In the era of the 4th Industrial Revolution, GIST next-generation education theme is an idea prototyping competition that applies artificial intelligence and internet of things technology

- This event was jointly hosted by GIST Startup Promotion Center, Open Lab Co., Ltd., and Gwangju National University's Startup Support Group and was held online for both the preliminary and final competition to prevent the spread of COVID-19.
- The final judging evaluation of this competition, which was held in a hackathon (HACK + Marathon) method, was held on Saturday, December 19th: ▲ Grand Prize winner is the Shoulder Companion Team (Chonnam National University, "Video recognition service for the visually impaired (App-Garasani)" ▲ Best Prize winner is Samkim Tech Team (Hansung University, "Making a Guardian for Alleyway Intersections") ▲ The Excellence Prize winner is the Whitour Maturu



Team (Chosun University, "Smart Boar Detector"). The Grand Prize winning team received the GIST Science and Technology Application Research Center Director's Award and a prize of 1 million won, and the Best Prize and the Excellence Prize winning teams were awarded the GIST Business Support Center Director's Prize, and 500,000 won and 300,000 won respectively.

- In particular, the "Video recognition service for the visually impaired (App-Garasani\*)" of the Shoulder Companion Team, which was awarded the grand prize, was about developing an application for the visually impaired that provides product names through image recognition and guides the user to the product's location by voice technology. It is differentiated from existing similar applications that provides users with product choices through the app for being able to be used without receiving help from others. Because it does not transmit video to a server, it received a high score for presenting an idea that can also protect personal information.

\* Garasani: The pure Korean word for perceptions or clues that can judge things.

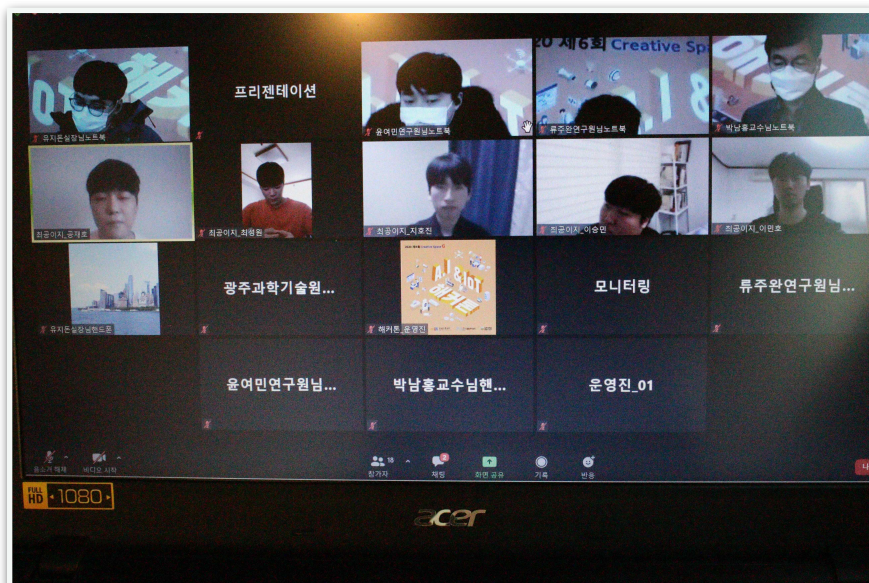
- GIST Business Support Center Director Byung-kwan Jo said, "This event was an opportunity to derive creative and innovative start-up ideas in a short period of time and to verify ideas through developing prototypes. GIST will continue to foster the artificial intelligence (AI) sector and actively support successful start-up winners of the recently held hackathon competition."
- This hackathon competition received preliminary ideas from 13 teams nationwide and selected a total of 39 people for the final nine teams. On December 5th, participants received an online preliminary briefing session and equipment utilization training (3D printer) using ZOOM. By receiving help from experts in each field, such as software coding mentoring, material selection mentoring, and hardware mentoring to implement ideas, the participants' competency and ideas were improved.
- The GIST Business Support Center recently received an excellence award in the field of entrepreneurship performance in the '2020 Best Entrepreneurship University' evaluation. In addition to the artificial intelligence (AI) field, it



actively supports start-ups to promote regional specialization, and is doing its best to create jobs and develop local industries.



▲ Photo 1: GIST's 'Artificial Intelligence & Things Internet Hackathon' final evaluation (online)



▲ Photo 2: GIST's final evaluation of 'Artificial Intelligence & Things Internet Hackathon' start-up competition (online)

