

GIST-Gwangju Metropolitan City-KEPCO hold energy technology exchange to revitalize regional energy new industry economy

- GIST Research Institute For Solar And Sustainable Energies-Energy Valley Technology Institute Collaborative Program Held on the 5th (Tue) and 12th (Tue)... About 60 people from industry, academia, research, and government, including energy-related companies and support organizations, attended
- Discussed cooperation measures for sharing and activating the current status of new energy industries such as mobility and power systems... A consortium will be formed in the future to derive various planning tasks in the energy field



▲ On Tuesday, November 5, the 2024 Industry-Academia-Research-Government Energy Technology Exchange Meeting was held and attendees took a commemorative photo.

The Gwangju Institute of Science and Technology (GIST, President Kichul Lim) announced that it successfully completed the ‘2024 Industry-Academia-Research-Government Energy Technology Exchange Meeting’ to share information on new energy industry trends by specialized field and discuss cooperation measures.

This technology exchange meeting, co-hosted by GIST, Gwangju Metropolitan City, and Korea Electric Power Corporation and co-hosted by the GIST Research Institute For Solar and Sustainable Energies (Director Sanghan Lee) and Energy Valley Technology Institute (Director Kwanghee Lee), was held to promote economic activation in the local energy new industry sector and establish a foundation for joint research.

The event, held on Tuesday, November 5 and Tuesday, November 12, was attended by approximately 60 people from industry, academia, research, and government, including employees from energy-related companies and support organizations, who shared the latest technology trends in the new energy industry and discussed cooperation measures.

On Tuesday, November 5, the 'Mobility Energy Technology Exchange Meeting' was held at the Gwangju Regional Headquarters of the Korea Automobile Research Institute, starting with a tour introducing the Korea Automobile Research Institute's Materials Convergence Research Center and equipment, followed by approximately 20 technology presentations.

▲ Professor Sangryun Kim (GIST Graduate School of Energy Convergence), ▲ Director Hyeon-cheol Lee (Korea Automobile Research Institute Materials Convergence Research Center), ▲ Vice President Joong-seok Oh (Hyundai HiTek) were the main presenters and introduced various mobility research and business fields such as unmanned and autonomous driving technology, contactless service technology, big data-based automotive electrical component reliability improvement technology, and electric vehicle charging station real-time fault diagnosis and safety management technology.

Following that, on the 12th (Tuesday), the 'Power System Technology Exchange Meeting' was held at the Energy New Technology Research Institute of the Korea Electric Power Corporation (KEPCO) Electric Power Research Institute. The exchange meeting started with a tour of the Energy New Technology Research Institute and an introduction to demonstration projects, and then about 20 technology presentations followed.



▲ On Tuesday, November 12, the 2024 Industry-Academia-Research Power System Technology Exchange Meeting was held at the Energy New Technology Research Institute of the Korea Electric Power Corporation (KEPCO) Research Institute, and attendees are taking a commemorative photo.

▲ Professor Yun-Su Kim (GIST Graduate School of Energy Convergence), ▲ Director Yoo Jeong-hak (Green Energy Research Institute, Energy New Industry Division), ▲ Director Byeong-cheol Park (Korea Electronics Technology Institute, Energy Conversion Research Center), ▲ Vice President Hyeon-soo Kim (Korea Power Exchange, Central Power Control Center) took the stage as key presenters to introduce their current research and business areas, including fostering the next-generation DC electric and electronic industry, DC transmission and distribution and smart grid technology, and commercial ESS and reusable ESS research projects.



▲ Participants in the 2024 Industry-Academia-Research Power System Technology Exchange Meeting are touring the Energy New Technology Research Center of the Korea Electric Power Corporation (KEPCO).

GIST Research Institute For Solar and Sustainable Energies Director Sanghan Lee said, "The Research Institute For Solar and Sustainable Energies is continuing its network of mutual cooperation with local innovative research institutes by appointing four energy experts as part-time professors. The Research Institute For Solar and Sustainable Energies and Energy Valley Technology Institute will serve as the center of the local energy network, laying the foundation for cooperation in the energy sector and working to revitalize the local new energy industry."

Meanwhile, the Research Institute For Solar and Sustainable Energies and Energy Valley Technology Institute, which successfully completed this technology exchange event, announced that they are preparing the '2025 Gwangju Energy Innovation Network' project to strengthen the industry-academia-research-government energy cooperation network in the Gwangju area, improve the utilization of regional infrastructure, and promote R&D project acquisition.