

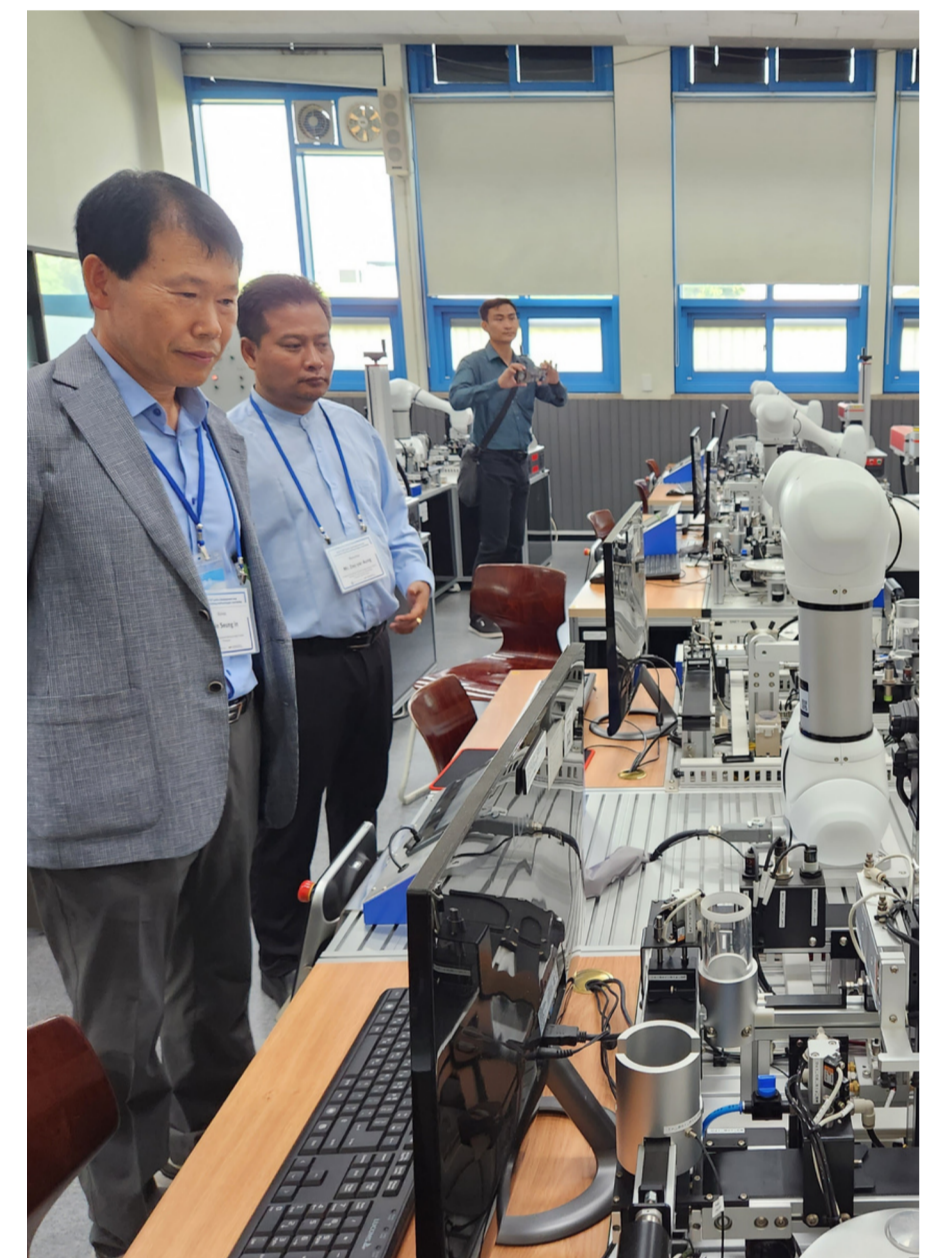
TRANSFORMING REGIONAL TVET FOR INDUSTRY 4.0



Training of 6 Myanmar TVET teachers in ROK for Drone Technology and IoT

In the age of Industry 4.0, Artificial Intelligence (AI), Internet of Things (IoT) and Drone technologies get into a wide range of applications. While the integration of contemporary technologies into processes can increase performance, efficiency, productivity, connectivity, accuracy, security, and therefore improve living standard of society, wage and income, it can also cause inequality between economic sectors, regions, urban and rural areas as well as between groups of labors due to skill gaps.

Recognizing the insufficient exposure of Technical and Vocational Education and Training (TVET) teachers to these new technologies, the School of Industrial Training and Education (SITE) under the Myanmar Ministry of Science and Technology has crafted a comprehensive two-year training program tailored to the demands of Industry 4.0. The project, funded by MKCF, leveraged the expertise of high-ranking Korean TVET institutions to enhance the capabilities of local educators in cutting-edge technologies.



An Immersion into Innovation: the "Future Technology Lab"



TVET teachers from Myanmar immersed themselves in an authentic learning environment that showcased advanced teaching methods and technological applications. A "Future Technology Lab" was specially designed at SITE for participants to receive training in the most cutting-edge technologies relevant to the 4.0 Industrial Revolution. Equipped with state-of-the-art tools and devices for AI technology, the lab provided an ideal setting for both learning and experimentation.

Results of the skill survey revealed a significant enhancement of participants' hands-on skills, which met and even exceeded initial expectations of the program.

Upskilling educators and creating a ripple effect through the education system has a broader impact than just tackling the challenges of the 4.0 Industrial Revolution: it is supporting the socio-economic development of Myanmar and the broader Mekong region.