

iMiD 2022

The 22nd International Meeting on Information Display
August 23-26, 2022 / BEXCO, BUSAN, KOREA



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Exhibitor Introduction	<p>KOREATECH, a university dedicated to fostering highly competitive human resources through practical - training oriented engineering education, is inventing a new history in Korea's engineering education.</p> <p>Ranked No.1 in the job placement rate(84.7%) of 4-year university graduate(>500 graduates) by the Ministry of Education in 2020.</p> <p>KOREATECH offers a balanced curriculum with theory studies and practical training in a 50/50 ratio. We also have over 80 labs with the latest lab equipment for 4,500 students and students have 24 hours access to the labs for their research and study.</p> <p>KOREATECH is presenting a new paradigm of Korea's college education with IPP, an industry-university cooperation-based educational model that answers Korea's unique demands.</p> <p>Students can develop their skills and qualifications through practical training at corporations, practical training in junior and senior years with six months</p>	

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	in the junior year and four months in the senior year, and also earn the competitive edge when making decisions on their future careers.
Exhibit Description	In this exhibition, we introduce the novel morphable haptic controller for an immersive experience in VR/AR environment developed by the collaborated research group of Koreatech, KAIST, Inha university, and partDB. The haptic controller automatically changes its shape of length, volume and bending angle depending on virtual tools such as a gun, a racket and a baseball bat. Moreover, it changes its center of gravity by itself for the realistic expression of motions.
Exhibit Product	<ol style="list-style-type: none">1. A morphable haptic controller2. A morphable haptic switch module3. A kinesthetic haptic equipment4. Fluid simulation for virtual environment5. VR contents