

## DOST-ITDI, AI to Develop Medical Device, Implants



Dr. Annabelle V. Briones, DOST-ITDI Director, together with Dr. Rene C. Catan, CEO and founder of Arthrologic, Inc., jointly signed a Memorandum of Understanding on August 22, 2023.

Dr. Marianito T. Margarito, Officer-in-Charge of the Materials Science Division (MSD-ITDI), and Dr. Nicolo Lisandro L. Catan of AI served as witnesses to the joint undertaking; MSD will be developing ceramic and plastic bio-compatible materials for use in implants designed by AI.

Further, MSD will be conducting testing of these materials while training laboratory staff of AI on designing for 3D printing. Once implemented, the project will enable economical, low-cost installation of arthrologic implants and devices in patients. As well, it will ensure that the arthrologic and orthopedic industries will have access to cutting-edge advancements.

With the MOU, DOST-ITDI and AI are poised to usher in a new stage in scientific and technological advancements, which will revolutionize the field of materials science. (AMPallaya\TSD-ICOW)