

Industrial Visit to Karachi Tools Dies & Moulds Centre (KTDMC) 2022

A visit for students to the Karachi Tools Dies & Moulds Centre (KTDMC) was organized by the Department of Mechanical Engineering on December 21, 2022.

KTDMC, established in 2005, aims to improve the skills of engineers and designers by offering a technology-based facility. KTDMC focuses on training professionals to enhance the design, engineering, and manufacturing quality of tools, dies, and molds, especially for plastic and polymer molds, sheet metal dies, and aluminum pressure die casting molds. They use the latest technologies like computer-aided design and manufacturing (CAD/CAM) and computer-aided engineering (CAE).

This center is particularly important for small and medium-sized businesses that cannot afford to set up such facilities themselves. KTDMC's main goal is to help the local industry produce high-quality, internationally competitive products, saving foreign exchange. The center can train 550 workers each year, which will help generate employment and improve living standards.



Figure 1. Professional 3D Measurement Facility at KTDMC for Reverse Engineering