



Dr. **Peerapong Kasuriya** is a lecturer at department of Production Technology Education, King Mongkut's University of Technology Thonburi in Thailand, He specializes in advanced machine tool technology, current research focuses on designing and developing advanced cutting tool technology for precision manufacturing processes. This research involves collaboration with Prof. Dr. Masahiko Jin at the High Precision Technology Laboratory, Nippon Institute of Technology, to develop innovative cutting and polishing methods to achieve exceptional surface finish integrity, with focus on revolutionizing the modern manufacturing industry to achieve higher precision, accuracy, and efficiency.