The Micro-Credential for Early-Career King Mongkut's University of Technology Thonburi Teaching Personnel

Nuttavud Koomtong
Learning Institute, King Mongkut's University of Technology Thonburi (KMUTT), Thailand

Krittika Tanprasert
Learning Institute, King Mongkut's University of Technology Thonburi (KMUTT), Thailand

Metta Mongkolteeradech
Learning Institute, King Mongkut's University of Technology Thonburi (KMUTT), Thailand

Ploypachara Negkumpituk
Learning Institute, King Mongkut's University of Technology Thonburi (KMUTT), Thailand

Sukanlaya Tantiwisawaruji
Learning Institute, King Mongkut's University of Technology Thonburi (KMUTT), Thailand

Abstract

This research project aims to develop Micro-Credentials (MC) for early-career teaching personnel at King Mongkut's University of Technology Thonburi (KMUTT), serving as benchmarks for professional development. KMUTT is progressively adopting Outcome-Based Education (OBE) to enhance university teaching and learning, guided by a Professional Standard Framework (PSF). Early-career teaching professionals must demonstrate their ability to meet the PSF expectations, particularly at the Beginner level. The critical question addressed in the review is how the KMUTT PSF can be effectively applied at the beginner level. A triangulation method, combining content analysis and constant comparison, was used to gather data from expert interviews, ensuring a comprehensive understanding of the competencies. The key competency is the ability to design teaching and assessment activities that align with course/module learning outcomes according to OBE principles. The validity of these MCs has been confirmed through assessments by the KMUTT faculty development board committees. Following thorough consideration by the University Council committees, the MCs have been officially incorporated into the university's educational framework.

Keywords

Micro-Credential, Professional Standard Framework, Professional Development, Outcome-Based Education.

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