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## **A Competency-Based Course Management System (C-BCMS) for the Effective Use of Teaching Competencies in Higher Education**

### **Abstract**

This paper explores the contribution of a virtual tool (C-BCMS) for learning and professional development in Higher Education (HE). This paper focuses on the design aspect of C-BCMS to develop an integrative seven-module teaching competency-based faculty development model that links teaching competency development, online training design, and teaching beliefs assessment. Metacognitive reflection relies on the multiple perspectives involved in online interaction. Subsequently, we present a brief sketch of some important theoretical and empirical work on the nature and importance of different kinds of faculty' learning of teaching competencies. Faculty' teaching beliefs and competency learning were used as the research data for this study. Based on these findings, we propose that C-BCMS may help to maximize the potential of e-learning, particularly for novice faculty members. We imply that universities should shift more of their efforts and resources towards the development and use of interactive technologies for enhancing faculty members' learning.