Assessing E-learning Readiness of Students in Higher Education towards Education 4.0: A Case Study in Universitas Negeri Yogyakarta, Indonesia and TU Dresden, Germany

Oleh: Moh. Khairudin, Sigit Yatmono, Didik Hariyanto, Thomas Köhler

ABSTRAK

In the Education 4.0 era, the personalized e-learning is promising in providing a suitable learning environment that fits the learner preferences. This study aims to assess the e-learning readiness of students towards Education 4.0 both in Universitas Negeri Yogyakarta, Indonesia and TU Dresden, Germany. Additionally, this study investigates the similarities and differences of the e-learning readiness of students in both universities. The research method used in this study is survey research by distributing a valid and reliable Likert-scale questionnaire to the voluntary-based higher education students. The data collected both from UNY and TU Dresden students show that 1) the highest mean score achieved by UNY's students is field experience, 2) meanwhile, the highest mean score collected from TU Dresden's students is self-directedness, and 3) surprisingly, a similar pattern is recorded from the two lowest mean scores, namely improving curriculum and data interpretation.

Kata Kunci: *e-learning readiness, education 4.0, UNY's readiness, TUD's readiness*