

Authentic and Holistic Assessment in Technologically Rich TVET Environment

Paryono Paryono & Hartini Mashod
SEAMEO VOCTECH Brunei Darussalam

Abstract

In the rapidly evolving technology and economy of ASEAN countries, Technical and Vocational Education and Training (TVET) programmes must adapt to equip graduates with the necessary competencies for present and future employment opportunities. The intricate and technology-driven nature of contemporary workplaces significantly influences the development of curricula, delivery of instruction, and assessment of student performance within TVET institutions. This paper specifically examines assessment methods suitable for dynamic and responsive TVET environments.

The authors propose that assessment practices in TVET should embrace authentic and holistic approaches, which offer alternatives to traditional methods. Authentic assessment mirrors real-world scenarios, requiring students to complete tasks that demonstrate practical applications of knowledge, skills, and attitudes relevant to their professional endeavors. Holistic assessment considers a range of methods, assessors, and timeframes, often implemented continuously throughout a program. Furthermore, this paper outlines how technology can enhance authentic and holistic assessment practices. It includes examples of their application in formal TVET programmes.