

# **TECH-KNOWLEDGY: RETHINKING, RESHAPING AND REDESIGNING ASSESSMENT FOR LEARNING IN VIRTUAL LEARNING ENVIRONMENT FRAMEWORK (VLEF)**

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## **ABSTRACT**

The paradigm shift is needed from pedagogy to andragogy in the form of pendulum (author, 2017) and the andragogical practices to develop knowledge to wisdom by using 8Ts Iterative Cycle Model (author, 2017) for transformational, self-regulated and continuous learning when using ICT tools and technologies in community of practice: Learning and development.

This paradigm shift from traditional to e-learning requires rethinking, reshaping and redesigning in Assessment for Learning in Virtual Learning Environment Framework (VLEF). The researcher (author, 2014, 2015, 2016 & 2017) purpose of the study was developing teaching, learning and assessment in integrated form so that the Virtual Learning Environment Framework (VLEF) is facilitated for the self-regulated and continuous learners in the community of practice: Learning and development. It will help in effective instructional design for virtual learning.

The objective of the study was learner's need analysis for tech-knowledge: rethinking, reshaping and redesigning in Assessment for Learning in Virtual Learning Environment Framework (VLEF). The nature of the study was historical and qualitative. The methodology used was Critical Discourse Analysis and literature review.

The finding of the study revealed that when knowledge is dynamically created and iteratively developed in Virtual Learning Environment Framework. The learners using pendulum of pedagogy and andragogy to transform and transfer learning through self-regulated mechanism, using (8Ts iterative cycle model of andragogy) need continuous assessment for learning (as feedback) through self and peer assessment in authentic and collaborative learning communities.

Hence, it was concluded that in tech-knowledge there is need of rethinking, reshaping and redesigning in Assessment for Learning to develop a model for open and flexible Virtual Learning Environment Framework for curricula and institutions.

## **Keywords:**

- Tech-Knowledge
- Formative Assessment in e-learning
- Summative Assessment in e-learning
- Assessment for Learning
- Learning Communities
- Virtual Learning Environment Framework (VLEF)
- Self-assessment
- Peer assessment

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