

KOLLOQUIUMSVORTRAG

INCREASING MATHEMATICAL PROFICIENCY AND STUDENTS CHARACTER: LESSON FROM THE IMPLEMENTATION OF BLENDED LEARNING IN JUNIOR HIGH SCHOOL IN BALI

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ABSTRACT

This presentation documents the experience and lessons from implementing a blended learning model aimed at increasing the mathematical proficiency and student character of 8 graders of junior high school students in Bali. It presents some series of mixed method-research result during 2016-2018. Lessons from the experience for the future implementation of blended learning model that can enhance the success of blended learning programs in junior high school are:

- (1) assessing school and teacher readiness for using blended learning program,
- (2) facilitating students and teacher with adequate learning resources,
- (3) increasing teacher competence
 - (a) in designing lesson media such as clear and interesting tutorial videos, and authentic student tasks,
 - (b) in developing strategy to facilitate meaningful students discussion forum,
 - (c) in challenging students to develop higher order thinking,
- (4) in developing students character of self-regulated learning capability, and curiosity.

The presentation concludes that enhancing the teacher competence in implementing blended learning program plays a very important role in increasing students' mathematical proficiency and their character.