

# Exploration of Determinant Factors for the Success of Online Learning in the Industrial Revolution Era 4.0

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## ABSTRACT

This study aims to explore the factors that determine the success of online learning from the characteristics of: (1) students; (2) lecturers; (3) learning strategies; (4) learning content; (5) media and (6) educational institution support.

The research begins with a qualitative analysis of online learning journal content, followed by a quantitative study. Qualitative data sources were taken from 25 e-learning journal articles published from 2018-2020. Data were collected by reading, coding, identifying the results of the analysis according to the research objectives. Data were analyzed descriptively qualitatively. Data credibility is controlled by inter-reader and inter-coder. The qualitative data findings were used to compile a questionnaire that was distributed online to all PKK (S2) students. The results of filling out the questionnaire were analyzed descriptively quantitative. The results of the study found that the characteristics of successful e-learning are supported by: (1) students who are self-regulating and have high motivation to learn; (2) lecturers who master online learning technology; (3) learning strategies that provide opportunities for interaction between students, lecturers and learning content; (4) learning content that is simple and has clear learning instructions; (5) short duration video media and (6) educational institutions provide learning facilities such as online libraries, LMS and lecturer training.

Kata Kunci: *e-learning, blended learning, flipped classroom, distance learning, MOOCs*