
THE EFFECT OF WEB BASE LEARNING ON THE LEVEL OF CRITICAL THINKING AND COLLABORATION IN DIGITAL CIRCUIT COURSES

Farid Baskoro¹, Bambang Suprianto², I Gusti Putu Asto Buditjahjanto³, Lilik Anifah⁴,

¹ Postgraduate vocational education, Univeristas Negeri Surabaya, Surabaya, Indonesia
E-mail: faridbaskoro@unesa.ac.id

^{2,3,4} Postgraduate vocational education, Univeristas Negeri Surabaya, Surabaya, Indonesia
E-mail: bambangsuprianto@unesa.ac.id, asto@unesa.ac.id, lilikanifah@unesa.ac.id

Abstract

This study aims to produce interactive web-based learning media for digital circuit courses. The resulting learning media must meet the feasibility and validity so that it can be said that the learning media that has been developed is feasible and valid for students to use in the learning process. The validation results through the validation sheet are then analyzed to obtain the validation results. The results of the questionnaire on 65 students consisting of class A who received treatment and class B who did not receive treatment stated that for web media display a score of 4.122 (good) was class A, while class B for media display was 3.64 (good enough). in terms of media content, class A gets a value of 4.06 (good) for class B gets a value of 3.62 (good enough) student learning outcomes from the aspect of critical thinking get an average score of 3.43 (good enough) and for collaboration gets a value of 3.45 (good enough) This shows that web-based learning media is enough to help students in the digital circuit learning process in this pandemic era.

Keywords: *learning media, web, critical thinking, collaboration*
