Development of Learning Media in Electric Power Generation Courses

by Faranita Surwi, Nurhening Yuniarti, Zamtinah

ABSTRACT

This study aims to: (1) develop appropriate learning media for Power Generation courses, and (2) find out the feasibility of Power Generation learning media that have been developed. This research is a development research. The Object is a Power Plant Course. Research subjects were 30 students of the Department of Electrical Engineering Education. The instrument used was a questionnaire with a Likert scale with 4 alternative answer choices. The instrument validity was carried out by expert judgment through the Delphi technique. Data analysis was performed using quantitative descriptive techniques. This development research produces a product in the form of learning media for Power Plants and their use guidelines. Learning media development refers to the ADDIE development model which consists of: (1) analysis, (2) planning, (3) development, (4) implementation, and (5) evaluation. The results showed the results of the feasibility assessment of learning media by material experts get a total average of 3.41 from a maximum total of 4, so it can be categorized as "very feasible". The results of the assessment of the feasibility of instructional media by media experts get a total average of 3.53 out of a maximum total of 4, so that it can be categorized as "very feasible". The results of the assessment of the feasibility of learning media by users get a total average of 3.62 out of a maximum total of 4, so it can be categorized as "very feasible".

Kata Kunci: *adobe Cs6, learning media, power plants*