

ABSTRAK

This study aimed to discover the design of web-based e-module applications in physics learning, the feasibility level of web-based e-module applications in physics learning, and the effectiveness of web-based e-module applications in improving students' learning motivation. This development research used the ADDIE development model. This research was conducted at SMA NEGERI 5 METRO in April 2022. The data collection instrument used in this web-based e-module development research was expert validation questionnaires and student response questionnaires as the effectiveness of web-based e-module applications media. Data analysis technique used in this study was an analytical technique related to the purpose of this research to discover the media design, media feasibility and media effectiveness on students' learning motivation in order to ease the researcher in comprehending the data and drawing conclusions. Based on the results of the e-module feasibility test of material and media experts, through expert validation and student response trials, an average percentage value of 82.45% was obtained in the very feasible category. Based on data from learning motivation, an average value of 82.16% was obtained. Thus, in measuring student motivation using web-based e-modules this application was successful.

Keywords: *E-Module, Google Sites, Learning Motivation*