

ABSTRACT

Purba, Koesnadi Anwar : Development of Cognitive Assessment Instrument Media Using Google Forms in Electrical Lighting Installation Subjects at SMK Dwiwarna Medan, 2021

This study aims to determine the design of a Cognitive Assessment Instrument Media Using Google Form in Electrical Lighting Installation Subjects at SMK Dwiwarna Medan. and to test the feasibility of google form-based cognitive assessment media designed as a cognitive assessment medium for students.

This research was conducted on students of class XI Electrical Power Installation Engineering at Dwiwarna Private Vocational School in Medan for the 2020/2021 academic year. This research was tested for its feasibility by Lecturers. The procedure for developing Cognitive Assessment Instrument Media Using Google Forms in Electrical Lighting Installation Subjects packaged in the form of interactive online web media is carried out using the R&D method of ADDIE development design. As well as the media feasibility validation process, researchers used the ADDIE method in research and development (Research and Development).

The results of the research conducted showed that the media expert's questionnaire validation with an average of 3.3 interpretations was very good and very feasible to be used as a cognitive assessment medium for students. and the results of the material expert's questionnaire validation with an average of 3.45 interpretations are very good and very suitable to be used as learning materials for cognitive assessment instrument materials.

Keywords: *Development, Cognitive Assessment Instrument Media using Google Form, Electrical Lighting Installation.*

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