

**PENGEMBANGAN MEDIA PEMBELAJARAN TRAINER INSTALASI
PENERANGAN LISTRIK *INBOW PORTABLE* PADA MATA KULIAH
DASAR-DASAR INSTALASI LISTRIK DI PROGRAM STUDI
S1 PENDIDIKAN TEKNIK ELEKTRO UNDIKSHA**

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ABSTRAK

Penelitian ini bertujuan untuk membuat trainer instalasi penerangan listrik, mengetahui kelayakan serta mengetahui respons mahasiswa terhadap media pembelajaran trainer instalasi penerangan listrik *inbow portable* pada mata kuliah Dasar-Dasar Instalasi Penerangan Listrik di Program Studi S1 Pendidikan Teknik Elektro Undiksha. Penelitian ini menggunakan metode penelitian dan pengembangan *Research and Development* (R&D). Pengumpulan data dalam penelitian ini dilakukan dengan metode angket/kuesioner yang dinilai oleh ahli isi, ahli media, dan mahasiswa. Hasil penelitian diperoleh: hasil uji validasi dari ahli media mendapatkan persentase 98,33% dengan kualifikasi sangat layak, hasil uji ahli materi/isi mendapatkan persentase 94,54% dengan kualifikasi sangat layak, hasil uji coba kelompok kecil nilai terendah 39 dari responden dengan kategori/klasifikasi sangat baik dan hasil uji kelompok besar nilai terendah 39 dari responden dengan kategori/klasifikasi sangat baik. Berdasarkan hasil penelitian, media pembelajaran Trainer Instalasi Penerangan Listrik *Inbow Portable* layak digunakan dan mendapatkan respons yang baik dari mahasiswa pada proses pembelajaran Dasar-Dasar Instalasi Penerangan Listrik di Program Studi S1 Pendidikan Teknik Elektro Undiksha

Kata Kunci : *Media Pembelajaran, Trainer Instalasi Penerangan Listrik Inbow Portable, Dasar-Dasar Instalasi Listrik*

Abstract

This study aims to create an electric lighting installation trainer, find out the feasibility and know the students' responses to the learning media of the inbow portable electric lighting installation trainer at the Basics of Electrical Lighting Installation Course in the Undiksha Electrical Engineering Education S1 Study Program. This research uses the Research and Development (R&D) research and development method. Data collection in this study was conducted using a questionnaire method which was assessed by content experts, media experts, and students. The results obtained: the results of the validation test from media experts get a percentage of 98.33% with very decent qualifications, the results of the expert test of material/content get a percentage of 94.54% with very decent qualifications, the results of small group trials the lowest value 39 of respondents with categories/classification is very good and the results of a large group test the lowest value of 39 of the respondents with a very good category/classification. Based on the results of the study, the Inbow Portable Electric Lighting Installation instructor learning media is appropriate to use and get a good response from students in the learning process of the Basics of Electrical Lighting Installation in the Undergraduate Electrical Engineering Education Study Program Undiksha.

Keywords: *Learning Media, Inbow Portable Electric Lighting Installation Trainer, Basics of Electrical Installation.*