

## ABSTRAK

Tujuan penelitian yaitu untuk menghasilkan produk berupa LKPD berbasis *discovery learning* berbantu QR Code yang valid dan praktis. Jenis penelitian pengembangan yang digunakan pada penelitian ini yaitu Model 4D memiliki 4 tahap yaitu *define*, *design*, *develop* dan *disseminate*, namun penelitian ini hanya dilakukan sampai tahap *develop*. Penelitian ini dilakukan di SMA Muhammadiyah 1 Pekalongan. Subjek penelitian adalah siswa kelas XII di SMAN 1 Pekalongan. Instrumen pengumpulan data yang digunakan berupa angket validasi ahli media, angket ahli materi dan angket respon peserta didik. Uji validitas dilakukan kepada 4 validator ahli yaitu, 2 validator ahli media, dan 2 validator ahli materi. Uji kepraktisan dilakukan kepada 6 siswa kelas XII SMA Muhammadiyah 1 pekalongan. Produk yang dikembangkan ini telah dilakukan validasi oleh ahli media dan ahli materi, hasil yang diperoleh dari validasi ahli desain yaitu sebesar 99% dengan kriteria sangat valid, ahli materi yaitu sebesar 90% dengan kriteria sangat valid, dan uji coba kelompok kecil diperoleh hasil sebesar 92% dengan kriteria sangat praktis. Berdasarkan hasil validasi ahli dan uji coba kelompok kecil tersebut, maka produk berupa LKPD yang dikembangkan sangat valid dan sangat praktis untuk digunakan.

**Kata kunci:** lembar kegiatan peserta didik, *discovery learning*, Qr Code

## ABSTRACT

*The aim of the research is to produce a product in the form of valid and practical worksheets for discovery learning students based on QR Code. The type of development research used in this research is the 4D model which has 4 stages, Define, Design, Develop, and Disseminate, but this research is only carried out until the Develop stage. This research was conducted at SMA Muhammadiyah 1 Pekalongan. The research subjects were class XII students of SMAN 1 Pekalongan. The data collection instruments used were media expert validation questionnaires, material expert questionnaires and student response questionnaires. The validity test was carried out on 4 expert validators, namely 2 media expert validators, and 2 material expert validators. The practicality test was carried out on 6 class XII students of SMA Muhammadiyah 1 Pekalongan. The product developed has been validated by media experts and material experts, the results obtained from the validation of design experts are 99% with very valid criteria, 90% material experts with very valid criteria, and small group trials obtained 92% results with very practical criteria. Based on the results of expert validation and small group trials, the developed LKPD product is very valid and very practical to use.*

**Keywords:** *student work sheets, discovery learning, Qr Code*