

PENGEMBANGAN VIDEO PEMBELAJARAN PEMBUATAN PRODUK OLAHAN PANGAN HEWANI DAN NABATI UNTUK MOOC TEKNOLOGI PENGAWETAN MAKANAN

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ABSTRACT

The aim of this study was to : 1) develop instructional video for Agriculture Product Processing course in the subject of garlic snack production, 2) measure the feasibility of the garlic snack video. This research was done by a research & development (R & D) approach by using 4D models (Define, Design, Develop, and Disseminate). The research was done on April - September 2019 in Culinary Department, Faculty of Engineering, Universitas Negeri Yogyakarta. The tested for the feasibility by two material experts, one media expert, and 30 students of grade XI at SMK Negeri 1 Cangkringan. The results of the study found: 1) Video garlic snack production had a duration of 12 min 9 sec with mp4 format. This video consisted of a) an opening section delivered by the presenter, containing the introduction about snack product, main ingredients, and the selection of packaging materials, b) a content section including tool and ingredients preparation, production process, packaging process, and expiration date evaluation, c) a closing section delivered by the presenter, containing evaluation and conclusion. Video was uploaded to YouTube channel Boga UNY in <https://youtu.be/NShmUvt7Y5o>. 2) The feasibility of the garlic snack video was as follow. Material experts assessed the video with average rating of 94,60% (very feasible category). Media expert evaluated the video with average rating 98,95% (very feasible) and students decided a mean score of 92,07% (very feasible). Based on the feasibility test, it can be concluded that the making garlic snack videos is very suitable to be used as an insctructional media in SMK.

Kata Kunci: garlic snack, video learning, student centered learning, video tutorial