

## **Development of Student-Centered Learning Instructional Videos for Food Preservation Technology Course**

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### **ABSTRACT**

The objectives of this study are: 1) to develop instructional videos for Food Preservation Technology Course, especially on the subject of pressure cooked bandeng, fried bandeng, kacang disko, and syrup, 2) *to measure the feasibility of instructional videos for Food Preservation Technology Course, especially on the subject of pressure cooked bandeng, fried bandeng, kacang disko, and syrup.* The study is a research and development type. Instructional videos are developed with 4D method, consisted of define, design, develop and dissemination. Data were collected by video feasibility questionnaire. The subjects of the research are the content expert, the media expert and 30 prospective users as the student at Food Production Technology Department, Universitas Negeri Yogyakarta. The results of the study are as follow. Instructional videos for Food Preservation Technology Course on the subject of pressure cooked bandeng, fried bandeng, kacang disko, and syrup have been developed with 4D method (define, design, develop and disseminate). Videos use mp4 format, duration of 10-16 minutes and uploaded at YouTube Channel Pendidikan Teknik Boga UNY with URL respectively: 1) <https://youtu.be/xv6nbSgHRS4>, 2) <https://youtu.be/grya2CRoVfo>, 3) [https://youtu.be/ne7981MDq\\_bY](https://youtu.be/ne7981MDq_bY) and 4) [https://youtu.be/\\_XDIUK3fg0Q](https://youtu.be/_XDIUK3fg0Q). The feasibility of the video for Food Preservation Technology Course on the subjects of pressure cooked bandeng according to the content expert is 95% very feasible, the media expert 92% very feasible, and prospective users 81% very feasible. Fried bandeng video has been measured according to the content expert 94% very feasible, the media content 90% very feasible and prospective users 83% very feasible. Kacang disko video according to the content expert is 97% very feasible, the media expert 89% very feasible and prospective users 79% very feasible. The feasibility of syrup video according to the content expert is 94% very feasible, the media expert 88% very feasible and prospective users 80% very feasible.

**Kata Kunci:** *Food Preservation Technology, instructional video*