

**PENGEMBANGAN MEDIA VIDEO PEMBELAJARAN PEMBUATAN
KUE SEMPRONG DENGAN PENAMBAHAN BUAH NANGKA
(*ARTOCARPUS HETEROPHYLLUS*)**

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ABSTRAK

Tujuan utama dari kajian ini mencakup: (1) mendelineasikan prosedur konstruksi pengembangan; (2) mengukur derajat kelayakan media pembelajaran berbasis video untuk pembuatan kue semprong berbahan substitusi buah nangka (*Artocarpus heterophyllus*) pada mata kuliah Patiseri Nusantara. Metodologi yang diaplikasikan yaitu *Research and Development* (R&D) dengan mengejawantahkan model 4D (tahap *Define, Design, Develop, serta Disseminate*). Penggalan data dioperasionalkan melalui teknik wawancara dan penyebaran kuesioner. Adapun instrumen yang digunakan meliputi angket identifikasi kebutuhan serta lembar asesmen ahli, yang mana data hasil perolehannya dianalisis secara deskriptif kuantitatif. Eksplorasi ini menguatkan bahwa perancangan sarana edukasi audiovisual ditempuh via empat tingkatan utama: pendefinisian atau *Define* (pemeriksaan analisis kebutuhan, kurikulum, tujuan pembelajaran, dan atribut pemakai), perancangan atau *Design* (penyusunan substansi, ringkasan cerita, naskah, sketsa adegan, beserta perencanaan operasional), pengembangan atau *Develop* (pembuatan fisik media, pengujian kepakaran, dan perbaikan berlandaskan rekomendasi penilai), serta penyebarluasan atau *Disseminate* (distribusi publik via platform YouTube). Konfirmansi keabsahan dari evaluator materi menorehkan persentase 88,75% (kategori sangat sahih), lalu asesmen spesialis media dan perancang pembelajaran memperoleh 86,47% (kategori sangat sahih). Melalui perolehan uji validasi tersebut, media berbasis instruksional video ini terbukti memiliki kadar kesahihan tinggi untuk difungsikan sebagai sumber penunjang perkuliahan Patiseri Nusantara, terkhusus pada materi praktikum kue kering.

Kata kunci: buah nangka, kue semprong, media video pembelajaran, Patiseri Nusantara

**DEVELOPMENT OF AN INSTRUCTIONAL VIDEO FOR MAKING KUE
SEMPRONG WITH THE ADDITION OF JACKFRUIT
(ARTOCARPUS HETEROPHYLLUS)**

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ABSTRACT

*The primary objectives of this study were to: (1) outline the development and construction procedures; and (2) assess the feasibility of a video-based learning medium for making *semprong* (wafer rolls) using jackfruit (*Artocarpus heterophyllus*) as a substitute ingredient, specifically for the "Patiseri Nusantara" (Archipelagic Pastry) course. The study employed the Research and Development (R&D) methodology, specifically the 4D model (Define, Design, Develop, and Disseminate stages). Data collection was conducted through interviews and questionnaires. The instruments used included a needs analysis questionnaire and expert assessment sheets, with the resulting data analyzed using descriptive quantitative methods. The study confirmed that the design of the audiovisual educational tool involved four key stages: Define (analyzing needs, curriculum, learning objectives, and user attributes); Design (preparing content, story outlines, scripts, scene sketches, and operational planning); Develop (physical production of the media, expert testing, and revisions based on evaluator recommendations); and Disseminate (public distribution via YouTube). Validation by the subject matter expert yielded a score of 88.75% (categorized as highly valid), while the assessment by media and instructional design specialists resulted in a score of 86.47% (also categorized as highly valid). Based on these validation results, the video-based instructional medium demonstrated a high level of validity, making it suitable as a supplementary resource for the "Patiseri Nusantara" course, particularly for the practical module on cookies.*

Keywords: instructional video, Indonesian Pastry, jackfruit, kue semprong