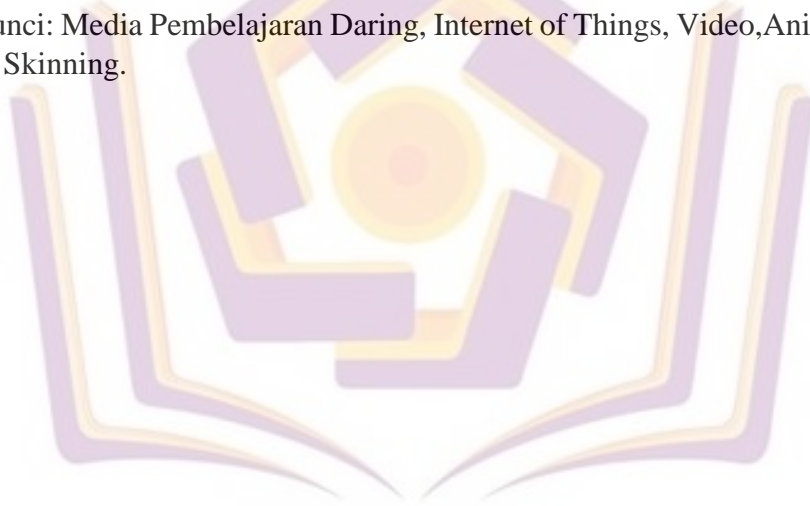


INTISARI

Pasca merebaknya COVID19 di Indonesia, proses pembelajaran antara pendidik dan peserta didik diubah melalui e-learning. Penerapan e-learning membuat proses praktikum kurang efektif, terutama pembelajaran praktikum IoT (Internet of Things). Seringkali, siswa berjuang untuk memahami bahan apa yang digunakan dan bahan apa yang harus dirancang terlebih dahulu ketika datang ke alat IoT. Untuk itu diperlukan suatu media pembelajaran yang dapat membantu siswa memahami fungsi dan desain alat IoT. Tujuan dibuatnya alat peraga berupa video animasi ini agar siswa dapat memahami materi apa saja yang digunakan dan juga pra rekayasa pada alat IoT. Metode yang digunakan dalam perancangan video animasi pembelajaran ini adalah menurut M.Suyanto (2004) yang terdiri dari tiga tahap, yaitu pra produksi, produksi, dan pasca produksi. Hasil penelitian ini yaitu telah berhasil dibuat video animasi pembelajaran mengenai alat IoT.

Kata kunci: Media Pembelajaran Daring, Internet of Things, Video, Animasi, Onion Skinning.



ABSTRACT

After the outbreak of COVID19 in Indonesia, the learning process between educators and students was changed through e-learning. The application of e-learning makes the practicum process less effective, especially IoT (Internet of Things) practicum learning. Often, students struggle to understand what materials to use and what materials to design first when it comes to IoT tools. For that we need a learning media that can help students understand the function and design of IoT tools. The purpose of making this teaching aid in the form of an animated video is so that students can understand what materials are used and also pre-engineering on IoT tools. The method used in designing this learning animation video is according to M.Suyanto (2004) which consists of three stages, namely pre-production, production, and post-production. The result of this research is that a learning animation video about IoT tools has been successfully made.

Keywords: Online Learning Media, Internet of Things, Video, Animation, Onion Skinning.

