

## ABSTRAK

Tujuan penelitian ini adalah untuk mengetahui keefektifan pembelajaran *online* menggunakan media *Zoom* dan *Kahoot* pada materi trigonometri Kelas X di SMK Ma'arif Tanggulangin Sidoarjo. Penelitian ini bersifat deskriptif kuantitatif. Subyek penelitian adalah siswa kelas X OTKP 2 yang berjumlah 20 siswa. Observasi dan tes digunakan sebagai metode pengumpulan data. Alat penelitian yang digunakan dalam penelitian ini adalah lembar observasi aktivitas guru, lembar observasi aktivitas siswa dan tes hasil belajar. Hasil analisis data kajian keefektifan pembelajaran *online* yang dilakukan dengan media *Zoom* dan *Kahoot* menunjukkan bahwa hasil observasi kinerja guru dalam pengelolaan pembelajaran dinilai sangat baik, dan kinerja siswa dalam pembelajaran juga dinilai sangat baik, sedangkan rata-rata hasil belajar siswa di kelas rata-rata 89,5 atau dengan kata lain rata-rata sudah di atas KKM SMK Ma'arif Tanggulangin Sidoarjo dan ketuntasan tes hasil belajar siswa 100% atau seluruh siswa di kelas tersebut. dinyatakan tuntas, pembelajaran melalui media *zoom* dan *kahoot* efektif untuk siswa kelas X digunakan pada materi perbandingan fungsi trigonometri.

**Kata Kunci :** Efektivitas,, *Zoom*, *Kahoot*, Trigonometri

## Abstract

The purpose of this study was to determine the effectiveness of online learning using *Zoom* and *Kahoot* media in class X trigonometry material at SMK Ma'arif Tanggulangin Sidoarjo. This research is descriptive quantitative. The research subjects were 20 students of class X OTKP 2. Observations and tests are used as data collection methods. The research tools used in this study were teacher activity observation sheets, student activity observation sheets and learning achievement tests. The results of data analysis on the study of the effectiveness of online learning conducted using *Zoom* and *Kahoot* media show that the results of observing teacher performance in managing learning are considered very good, and student performance in learning is also considered very good. , while the average student learning outcomes in the class averaged 89.5 or in other words the average was already above the KKM Ma'arif Tanggulangin Sidoarjo Vocational School and the student achievement test was 100% or all students in the class. the class is declared to have passed the exam, learning through media *zoom* and *kahoot* is effective for class X students used in material on comparison of trigonometry functions. **Keywords :** Effectiveness, , *Zoom*, *Kahoot*, Trigonometry