

ABSTRACT

JESICA SIANIPAR, NIM: 5173331017, Analysis of the Implementation Online Learning During a Pandemic In Basic Electrical and Electronics Subjects Class X TITL SMK Dwiwarna Medan. Department of Electrical Engineering Education, Electrical Engineering Education Study Program, Faculty of Engineering, Medan State University 2021.

This study aims to determine: (1) the implementation of online learning during the pandemic in Basic Electrical and Electronics subjects and (2) the perceptions of students, teachers and parents in terms of attitudes and commitments during online learning, supporting facilities for online learning and obstacles during implementation. online learning.

This research uses a descriptive qualitative method, conducted at the Dwiwarna Private Vocational School in Medan T.A 2020/2021, with 3 informants from class X TITL, 1 DLE study teacher and 3 representatives of parents. The data collection of this research was done through interviews, observation, and documentation. The data analysis technique used is data reduction, data compilation, conclusion drawing, and data validity.

The results of the research found: Online learning is carried out on DLE subjects at SMK Dwiwarna, namely the implementation of learning is applied with a mix of face-to-face (blended learning) to support the competence of the practicum field, for online activities the teacher's strategy is to design effective and light materials or questions which are then distributed the material through WhatsApp or Google Classroom media, and the learning method is the assignment method. The perceptions of students, teachers and parents regarding attitudes and commitments that have been carried out have not been fully implemented properly, the facilities that support online learning are quite adequate but are still a bit of an obstacle because they always have to meet internet quotas and during online learning they still experience difficulties such as internet quotas. minimal understanding and delivery of material that is less than optimal, lack of parental assistance to students, student responses that are lacking to teachers making it difficult to assess the behavior and development of students, sometimes unstable networks, bored students following online, and students who are lazy because they are increasingly focused to smartphones.

Keywords: Implementation of online learning, pandemic, perception, basic electricity and electronics.