

ABSTRACT

**THE IMPLEMENTATION OF CISCO PACKET TRACER APPLICATION IN
BASIC COMPUTER AND NETWORK SUBJECT
AT SMKN 5 KAUR**

By:

NANDA AFRELIA DELTA

Thesis of Computer Education Study Program

Unived Bengkulu, 2024

Cisco Packet Tracer application is an application that can be utilized in learning through simulator activities in learning computer network tools. This simulator software is used to design a system or network topology that will be applied to the real world. This research aims to implement the Cisco Packet Tracer application in learning Basic Computer and Network subject. this research is descriptive in nature. the data collection techniques used in this research are observation, interviews and documentation. The stages of data analysis are preceded by data reduction, data presentation, then conclusion drawing. The results of this study after the application of the Cisco Packet Tracer application can increase students' learning activities actively and effectively with the following indicators; focus, enthusiasm, asking questions, answering, commenting, trying and finding ideas or creativity in the learning process and the use of the Cisco Packet Tracer application as a medium for learning Basic Computer Networks in the cognitive domain can be said to be very good.

Keywords: Cisco Packet Tracer, Application, Implementation.

