

# **APROVAL PAGE**

## **THESIS**

### **DDOS ATTACK DETECTION IN SOFTWARE DEFINED NETWORK USING ENSEMBLE K-MEANS++ AND RANDOM FOREST ALGORITHM**

**This Thesis is Approved and Authorized to be field in the Graduate Program of  
Electrical Engineering, The School of Electrical Engineering, Telkom University**

**By :**

**DIASH FIRDAUS**

**2101191018**

Bandung, 17 September 2021

First Supervisor



**Prof. Dr. Ir. Rendy Munadi, M. T.**

NIP : 93610006

Second Supervisor



**Dr. Yudha Purwanto, ST., MT.**

NIP : 0409127701