PREFACE

Alhamdulillah, all praise and gratitude the author goes to the presence of Allah SWT, because of the blessings, mercy, and grace the author was able to complete the final thesis entitled **Power Allocation Using Deep Neural Network in D2D Multi-cell Underlaying Communication.**

This Thesis was prepared as a requirement to take the final task trial and complete the degree of Master Engineering in The School of Electrical Engineering, Telkom University.

In writing Thesis, the author realizes that there are still many shortcomings due to the limited knowledge he has. Therefore, the author welcomes all constructive criticism and suggestions from all parties.

In closing, the author apologizes for all the mistakes that the author made, both intentional and unintentional, while completing this final project. Hopefully this Thesis can be useful for writers, readers, and all circles in the world of education.

Bandung, July 29, 2022

Rezha Aulia Riyanda