

## PREFACE

Assalamu'alaikum Warrahmatullahi Wabarakatuh

Alhamdulillahirabbil 'alamin, the author praises His grace and guidance to the author, so that he can complete the thesis with the title “Detection of Soil Nitrogen Content Based on Electromagnetic Wave Response Using SFCW Radar”. The author has completed several requirements, one of which is compiling a thesis book as one of the requirements for completing a Master's Study Program in Electrical Engineering, at Telkom University. In preparing the thesis, the author realizes that this thesis is far from perfect. Therefore, with humility, the author apologizes profusely and hopes that the author will get constructive criticism and suggestions.

Wassalamu'alaikum Warrahmatullahi Wabarakatuh.

Bandung, September 17<sup>th</sup> 2024



Nurul Febri Annisa