

## **FOREWORD**

All praise and gratitude are to God, whose boundless grace and blessing have allowed the writer to complete this Capstone Design Project, titled “Electrical Vehicle Powerline Communication.” This project is a significant milestone in fulfilling one of primary requirements for obtaining a bachelor’s degree in the Electrical Engineering program at the faculty of Electrical Engineering, Telkom University.

The writer acknowledges that the journey to complete this Capstone Design Project has not been without challenges. Throughout the process, the writer encountered various obstacles and limitations, particularly in terms of knowledge and experience. Despite the best efforts, this document may still contain shortcomings and errors, and it is far from perfect. The writer remains open to constructive criticism and suggestions that can contribute to the refinement and improvement of this project.

The writer sincerely apologizes for any mistakes or oversights that may have occurred during the development and documentation of this Capstone Design Project. It is the writer’s hope that this work will not only meet the academic requirements but also provide valuable insights and contributions to the readers, the academic community at Telkom University, the broader field of electrical engineering, and, most importantly, to the writer’s personal growth and understanding.

May this project serve as a meaningful and beneficial resource for those who seek to learn from it, and may it inspire continued exploration and innovation in the field of Electrical Vehicle Powerline Communication.

Bandung, 22 Agustus 2024