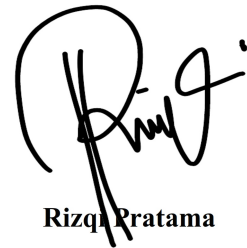


PREFACE

All praise is due to Allah SWT for His guidance and strength, which have enabled the author to complete this master's research entitled "Feasibility Study of Network Planning for the Optimization of Digital Transformation in the Coal Mining Industry: Case Study of PT PPA Job Site Adaro Wara." This thesis is submitted as part of the requirements for the Master's Program in Electrical-Telecommunication Engineering, specializing in Regulation and Management of Telecommunication (RMT) at Telkom University.

The author acknowledges that this thesis is not without its limitations and sincerely apologizes for any shortcomings that may exist. At present, parts of this research are in the process of being submitted for publication in a SINTA 3 accredited national journal and an international IEEE conference. The author warmly welcomes constructive feedback to further enhance the quality of this work. It is hoped that this thesis will continue to be developed and will serve as a valuable contribution to readers and to Indonesia, particularly in advancing education and research in the field of telecommunications in the future.

Bandung, 11 Agustus 2025



Rizqi Pratama