

DEDICATION

I dedicate this thesis to my family, whose unwavering support and love have been the corner stone of my journey. Your encouragement, sacrifices, and belief in me have fueled my determination to reach this milestone.

I also extend my heartfelt gratitude to my friends. Your constant support, understanding, and motivation have been instrumental in my success. Your companionship has made this journey more rewarding and meaningful.

Lastly, I dedicate this thesis everyone who inspires me to keep pursuing knowledge and making a positive impact. May this work contribute to the greater quest for understanding and progress.