ACKNOWLEDGEMENT

I am grateful to Suranaree University of Technology (SUT) for the financial support that made this research possible.

I would like to express my deepest gratitude to Assoc. Prof. Dr. Anisong Chitnarin for her invaluable guidance, steadfast support, and encouragement throughout my academic journey. Her mentorship has been a cornerstone of my growth, helping me overcome challenges in both my coursework and research.

I sincerely thank Mr. Jirasak Charoenmit, Mr. Weerachai Paengkaew, and Mr. Sataphon Mitmark from the Department of Mineral Resources for their support during fieldwork and insightful discussions on Paleozoic paleontology in Thailand.

Special thanks to Professor Dr. Sachiko Agematsu-Watanabe from University of Tsukuba, Japan, Professor Dr. Clive Burrett from Maha Sarakham University, Thailand, and Dr. Shuji Niko from Hiroshima University, Japan for their expert guidance and contributions to the study of conodont and tentaculitid specimens.

I also appreciate the constructive feedback from my thesis committee and the unwavering support of my family, whose encouragement has been my greatest source of strength.

Anucha Promduang