

ACKNOWLEDGMENT

This Ph.D. work would not have been possible without the help and support of a countless number of people. Firstly, I express my heartfelt thanks to my guide Prof. Satish J. Patel for his encouragement, selfless support, advice, constructive criticism and valuable guidance. I have benefited greatly from his wealth of knowledge, profound field knowledge, experience and research ethics which are pivotal for the completion of my Ph.D. work. I will continue to cherish his guidance and will forever be indebted to him.

I am thankful to the Head of the Department of Geology Prof. Atul Joshi and Prof. L. S. Chamyal (retired) for providing me with the platform including all the necessary facilities in the department to pursue my work. I thank Mr. Muhammad for making all my petrographic slides. I am also thankful to all the teaching and non-teaching staff for their encouragement, assistance and cooperation in many ways during my research that help me to reach this far.

My sincere thanks to Dr. Jaquilin K. Joseph and Apurva Shitole who played a vital role in my research work. They have helped me in all my fieldwork, data interpretation and many more and I have learned a lot from them. Needless to say, along this journey, we have bonded and created lots of memories that will last a lifetime. They will always be my sisters from other parents. I also expressed sincere gratitude to Nirav, Sagar, Devyani, Anamika, Riddhi, Nishi and Poonam who have helped in different ways like fieldwork, research materials etc.

I thank the Council of Scientific and Industrial Research (CSIR) for the financial support that allows me to carry out my research work. I also thank M.S University for the project entitled '*Sedimentology and Sequence Stratigraphy of Mesozoic Sediments of Khadir Island, Island Belt Kachchh, Gujarat*'. I would like to take

this opportunity to thank all my reviewers who have given me constructive critics that improved my research writing skills.

I would like to thank my family, friends, and relatives for their continued support and encouragement. I give my special thanks to my wife Chiinhohiching who has been my rock. She has been my strength when I am weak, picks me up when I fall and inspire me when I lost hope. I also thank my blessing from above Hannah, my daughter, for she is my reason to move forward and overcome any obstacles. I thank my beloved dad, mom, brothers and sisters for the bountiful love, support and encouragement that they have showered upon me.

I also would like to take this opportunity to thank all those who have helped me directly or indirectly and yet I have failed to mentioned. Your contributions are greatly appreciated and will always be cherished.

Above all, I thank the almighty Father who showered me with abundant blessings of all of the above and beyond without which this Ph.D. work would never be a possibility.

Jehova L. Darngawn