ACKNOWLEDGEMENT

Firstly, I would like to express my sincere gratitude to my guide Dr Nilam Panchal for her expert guidance and continuous support during my Ph.D study. Her experienced direction helped me throughout my research and writing of this thesis. I could not have imagined having a better advisor and mentor for my Ph.D study.

I would like to thank the RDC committee members Dr. Yogesh Joshi, Dr. Darshana Dave for their insightful comments and encouragement, and for the critical remarks, which incited me to deepen my research from various perspectives.

My sincere thanks also goes to Dr B Kartikeyan who invigorated me at various junctures of this research journey. Without his support, it would not have been possible to complete this research. I am grateful to ISRO’s management for providing the environment, which ignited in me the aspiration to take up this research.

The research work encompasses multi-disciplinary fields. The lecturers during the course work gave understanding about many of these new subjects, which was useful during the research passage. I thank the Rai University authorities, in general, for ensuring well-timed scheduled activity and Prof. Ashish Rami, in particular, for his untiring assistance any time of the day.

The present research covers experience survey from knowledgeable responders. I am indebted to the responders for sparing their valuable time in responding to the questionnaire and sharing their perception on the subject. The assistance given by Dr S S Srivastava is thankfully appreciated.

My wife, Bina, has been a veiled motivator in my life and more so in fulfilling this dream project, even if it meant parting with her time together. Her selfless inspiration is considerately appreciated. I thank Japit and Khushali for keeping my passion alive.

As is mentioned in Srimad Bhagwat Gita, in addition to various factors, the success of any work requires Supreme Will. I admit that the completion of this research is testimony of Supreme Will, which is appreciably acknowledged.