

# ACKNOWLEDGEMENT

The satisfaction that overcomes with successful completion of the thesis work would be incomplete without remembering those people who made it possible. It gives me immense pleasure to acknowledge all those who have extended their valuable guidance and magnanimous help.

With the grace of God and his blessings only, I could achieve this success. Foremost, I would like to express my sincere gratitude to Prof. S. K Joshi for his continuous support during my Ph. D. study and research. I am deeply indebted to him, for providing valuable guidance, motivation and encouragement throughout the study. Words are insufficient to appreciate the knowledge, insight and patience with which he guided me during this work.

I am deeply indebted to my corporate family of Gujarat Plug In Devices Pvt. Ltd, my Managing Director Mr. Sudhir Chemburkar and Mr. Viral Kothari and all my colleagues for extending their kind cooperation and support during my research work.

My deepest gratitude goes to my family for their unflagging love and support throughout my life, this dissertation is simply impossible without their help especially my wife Nehal and daughter Mrunalee. My research work would not be completed without the blessing of my mother and my father Late Shri Harjivandas Chitaliya. I express my heartily gratitude towards Prof. S. K. Gosavi and Prof. Mrs. M. S. Gosavi for their blessings and valuable suggestions during my research work.

At last but not least, I thank one and all who have directly or indirectly helped me in carrying out this research work.

**Gitesh H Chitaliya**