ACKNOWLEDGEMENTS

I gratefully express a deep sense of gratitude and profound indebtedness for my teacher and guide, Prof. Y. K. Agrawal, Head, Department of Chemistry, School of Sciences, Gujarat University for his esteemed guidance, visionary ideas, criticisms and discussions throughout the course of the work. But for his encouragement and support this work would not have taken its shape.

My sincere thanks are due to Prof. (Mrs.) S. K. Menon and Dr. V. K. Jain, Department of Chemistry for their valuable suggestions and inspiration.

I owe my thanks to Dr. Pranav Shrivastava, for his constant help and suggestions during the course of the work.

The cooperation and help of the non-teaching staff of the Chemistry Department is gratefully acknowledged.

I acknowledge the Government of Gujarat for awarding me the State Research Scholarship. I am thankful to ATTRA, CERC and CFDA for providing the library facilities.

I offer my sincere thanks to all the members of the research laboratory for their cooperation and help through this tenure.

My friends require a special mention of thanks for their constant moral support that has seen me through this work.
Heartfelt gratitude for my husband, without whose constant support, encouragement and affection, this endeavour would not have been possible.

It is only due to the blessings and care of my in-laws and parents that I have reached so far. The contribution of my brother, sisters and relatives has been immense and supportive.

A special mention of thanks to Shri B. A. Shaikh, for allowing me to use his printer for such a long period.

Monica Shah