ACKNOWLEDGEMENTS

I wish to express my sense of gratitude to Dr. Amrish Shah, Reader, for suggesting the research project and for his valuable guidance at every stage of this work.

It is my pleasant duty to express my sincere thanks to Prof. P.K. Bhattacharya, Head, Chemistry Department and Prof. K.N. Trivedi, former Head of the Chemistry Department, Faculty of Science, Baroda for providing laboratory facilities for this work.

My sincere thanks are due to Prof. M.V. George,
I.I.T., Kanpur for getting IR Spectrum of some of the
samples. Thanks are also due to Dr. S.S. Lele and
Sri S.S. Madhavarao for microanalysis, Mr. D.R. Bhavsar
for typing the manuscript and Mr. A.P. Dindorkar for
drawing the schemes of the thesis.

I am also thankful to Mr. K.K. Shah for his co-operation at some stages of research work. I thank my all fellow workers and members of the staff for their help during the course of this work.

Thanks are also due to my parents for their constant support, my wife for her patience and my son for not disturbing me in busy hours of preparing the manuscript.

Finally, I thank the M.S. University of Baroda, Baroda for financial assistance.