

ACKNOWLEDGEMENT

In presenting this thesis, I express my sincere thanks to Prof.S.M.Sethna, Pro-Vice-Chancellor, M.S.University, Baroda and Prof.K.N.Trivedi, Head, Department of Chemistry, M.S.University, Baroda, for providing all research facilities.

I am also thankful to Dr.S.S.Lele, M.Sc., Ph.D., Reader, Analytical Chemistry and Mr.S.S.Madhav Rao, M.Sc.(Micro-Analyst) for the carbon, hydrogen and nitrogen estimations of the compounds isolated.

It is a pleasure to thank my friends Mr.K.Seshan and Dr.Vinayak Kamath of I.I.T. Bombay, for getting me analyses, IR and reflectance spectra of few complexes. I also wish to record my sincere thanks and appreciation to all my colleagues and friends in the department, who have readily extended their ungrudging help and co-operation during the various stages of the preparation of the thesis.

It won't be out of place, if I remember with gratitude my parents, brother, sister and her family and Nila for their understanding and encouragement throughout the tenure of this work.

Finally, I am also thankful to the University Grants Commission, New Delhi, for the award of Junior Research Fellowship.



(Rakesh K. Kohli)