

I consider myself fortunate to have been associated with Dr. P.K.Bhattacharya, M.Sc., Ph.D., Reader, Inorganic Chemistry, M.S.University of Baroda, Baroda-2 and I take this opportunity to express my deep sense of appreciation for getting inspiration in the field of coordination chemistry in general and particularly the work presented in this thesis. Whatever insight I have got in the subject is entirely due to him and without his help, it would have been rather difficult to raise the quality of the work. I am deeply indebted to him; for his inspiring guidance during the course of these investigations and for the several discussions pertaining to material presented in this thesis.

In conclusion, the value of his contributions far exceeds what these words of appreciation can express.

Copy - 2
(Miss P.C.Parikh).

In presenting this thesis, the author also owes a debt, to Professor S.M.Sethna, M.Sc., Ph.D., Head, Department of Chemistry, M.S.University, Baroda-2 for his immense interest, constant encouragement and for providing all research facilities.

I am thankful to Dr. S.S.Lele, M.Sc., Ph.D., Reader, Analytical Chemistry (Microanalysis) for the nitrogen estimations of the compounds isolated.

Thanks are also due to the research division, Camphor and Allied Products, Nandesari for the infrared spectra of the compounds; the Department of Chemistry, University of Rajasthan for the molecular weight determinations and the Department of Chemistry, S.P.University, Vallabhvidyanagar for the reflectance spectral studies.

I also wish to record my sincere thanks and appreciation, to all my colleagues and friends in the department, especially Mr. B.T.Thaker, M.Sc., who have readily extended their ungrudging help and cooperation during the various stages of the preparation of the thesis.

Last but not the least, the credit goes to my father for his immense interest and constant encouragement; to my mother, sisters and brothers who shouldered many domestic difficulties during the research period.

In the end I express my gratitude to the M.S.University, Baroda for providing the Junior Fellowship for two years.

(Miss P.C.Parikh).