

ACKNOWLEDGEMENT

I express my deep sense of indebtedness and gratitude to my research guide Dr. S.V. Kulkarni, Reader in Inorganic Chemistry, Department of Chemistry, Shivaji University, Kolhapur, for his great concern for me which prompted him to be a source of encouragement, constant help, valuable guidance and warm affection during the course of our association.

I am grateful to Prof. R.B. Mane, Head, Department of Chemistry, Shivaji University Kolhapur for the inspiration and providing the facilities.

I am thankful to Prof. M.B. Chavan (Head) and other member of staff in inorganic section for their valuable suggestions and critical appreciations received all through the work.

I am thankful to all the members of staff, Department of Chemistry, Shivaji University, Kolhapur, for their hearted co-operation.

I express my heartiest thanks to respected President Lieutenant Colonel His Highness Shivaram Raje Bhonsale, and respected Chairman Her Highness Mrs. Satvashiladevi Bhonsale for giving me permission to register for M.Phil. and extending their full co-operation.

I am grateful to Prin. B.N. Katkar, S.P.K. Mahavidyalaya, Sawantwadi, for giving inspiration to carry out the work.

I record my gratitude to Shri. P.D. Gumaste, Head, and all members of staff, Department of Chemistry, S.P.K. Mahavidyalaya, Sawantwadi for their whole hearted co-operation, constant encouragement in the completion of the work.

I express my sincere thanks to Dr. S.S.Joshi, Dr. S.K. Soman, Dr. A.A. Rathod, Dr. R.S. Kamble, Shri.V.S. Ganbawale, Shri. N.R. Andhare, Shri. S.B. Kolekar, Shri. A.S. Swami and all teacher fellows for their valuable co-operation.

I am thankful to Shri. M.P. Mane for his neat and clean typing and Shri. U.K. Baraskar for his correct drawing.

I must put on record my deepest gratitude towards the members of my family, relatives and friends who inspired me in completion of the research work.

Place : Kolhapur

Date : 1994


D.D. Godkar