

ACKNOWLEDGEMENT

It gives me a great pleasure to express my deep sense of gratitude to Dr. P. P. Hankare, Reader in Inorganic Chemistry, Department of Chemistry, Shivaji University, Kolhapur for his valuable guidance and encouragement throughout the work.

I have received valuable help in my work from Prof. K. J. Patil, Head of Department, which I acknowledge with gratitude.

I express my sincere thanks to Prof. R. B. Mane. I am very much thankful to Dr. S. N. Deshmukh for his help to improve the writing of the dissertation. Thanks are also extended to Dr. K. M. Garadkar, Mr. V. M. Bhuse, Mr. A. S. Khomane for their moral support. It is necessary to acknowledge the timely help by research colleagues Dr. Mrs. P. S. Battase, Mr. S. S. Chavan Mr. A. H. Jagatap, Miss Sunita Naravane and Mr. L. V. Gavali. I am also thankful to Mr. A. R. Gujar, Mr. Chetan Kavi and Mr. D. R. Patil for their co-operation.

I express my sincere thanks to the U. G. C., New Delhi and Shivaji University, Kolhapur for the in-itative support given without which the work could not have been completed.

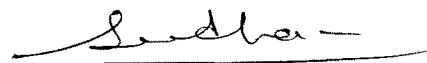
It is also gratifying to express my special thanks to Nashik District Maratha Vidya-Prasarak Samaj, Nashik and Ex-Principal, Dr. N. R. Bha-dane for giving me opportunity of research work.

I am also indebted to the staff of Chemistry Department as well as ofUSIC and CFC of Shivaji University, Kolhapur for their co-operation.

I shall be failing in my duty if I do not express my deep sense of gratitude to My mother, my wife Mrs. Meena, daughter Sunita and Son Amit who have encouraged me and helped a lot during the tenure of this work.

Place : Kolhapur

Date : 23/8/2001



Shri. A. D. Jadhav