ACKNOWLEDGEMENT

It gives me a great pleasure to express my sincere and hearty gratitude and indebtedness to Dr. M.A. Anuse, Reader in Chemistry, Shivaji University, Kolhapur for his keen interest, inspiring guidance, valuable advice and constant encouragement throughout the present investigation.

I must thank Professor M.B. Chavan for his kind cooperation and fruitful discussion which led me to represent my work.

My sincere thanks are due to Prof. R.B. Mane, Head, Department of Chemistry, Shivaji University, Kolhapur for his immense help during my research work. I am also thankful to Prof. K.J. Patil, Professor of Physical Chemistry for his keen interest and valuable suggestions during this work.

I am grateful to Hon. Vice-Chancellor, Pro-Vice-Chancellor and Hon. Registrar, Shivaji University for making available all possible facilities.

I gratefully acknowledge my debt to Hon'ble Jaysingh Shankarrao Mohite-Patil, Chairman, Shikshan Prasarak Mandal, Akluj, Principal and my colleagues in Shankarrao Mohite Mahavidyalaya, Akluj.

I sincerely appreciate the help and affection received from Dr. (Smt.) S.G. Kawatkar, Dr. P.P. Hankare, Dr. P.N. Bhosale, Dr. S.R. Patil, Dr. G.S. Gokavi, Dr. U.V. Desai and other staff members of Chemistry Department. I am grateful to all of them.

The literature useful for research work provided by Barrister Balasaheb Khardekar Library, Shivaji University, Kolhapur, NCL Pune and I.I.Sc. Bangalore, libraries is thankfully acknowledged.

I am very much thankful to all my research colleagues Shri T.N. Lokhande, Dr. S.T. Salunkhe, Shri A.S. Motagi, Shri S.S.
Kolekar, Shri T.N. Shilimkar, Shri S.N. Gawale, Shri R.B. Pawar, Dr. A.J. Kadam, Shri A.B. Patil, Shri M.M. Rajmane and Shri B.M. Sargar for their kind co-operation and valuable help throughout the course of research work.

I am thankful to Mr. A.G. Gosavi and Shir P.V. Ravan for neat and timely typing and tracing of the figures.

Of course, I can’t forget to my parents, brother, sister and relatives especially Shri Pandurang (Aba) Waghmode, Kati for their inspiration and best wishes.

I shall be failing in my duty if I do not record my gratitude to Sou. Smita, my wife; daughter Snehal alias Banti for their understanding during this research work.

( G.B. Kolekar )