<u>Acknowledgement</u>

My gratitude known no bounds to express my sincere feelings towards Dr. J.B. Patil, Reader, Department of Chemistry, Shivaji University, Kolhapur for his experienced wise counsel and immeasurable help and guidance throughout this work. His enthusiastic interest and excellent encouragement have been an untold help and support for me.

It is delightful to record my sense of gratitude to Dr. G.S. Gokavi, Reader, Department of Chemistry, Shivaji University, Kolhapur for his inspiration and support.

I thank Dr. K.J. Patil, Head, Department of Chemistry, Shivaji University, Kolhapur for providing research facilities during the course of the work.

I thank Dr. R.B.Mane, Head, Organic Section, Department of Chemistry, Shivaji University, Kolhapur for his kind co-operation.

I am sincerely grateful to the Vice-Chancellor and the Registrar of Shivaji University, Kolhapur, for extending the research opportunity to me.

I take this opportunity to express my deep sense of gratitude to the Chairman and Members, Board of Management, K.L.E. Society Belgaum, and Principal, Basavaprabhu Kore Arts, Science and Commerce College Chikodi, for availing me the U.G.C. teacher fellowship and granting me one year's study leave to pursue M.Phil. course in Chemistry at Department of Chemistry, Shivaji University, Kolhapur.

My immense thanks to all my colleagues for their encouragement and co-operation.

Pauli

- Mr. A.R. Tardale