ACKNOWLEDGEMENT

I have the honour to offer, my heartiest thanks to Dr. J.B. Patil and Dr. M.M. Salunkhe, Readers in Chemistry, Shivaji University, Kolhapur, for their valuable guidance, stimulating discussions and constant encouragement during the course of this investigation. It was really a pleasure and privilege to work under their guidance.

I wish to express my deep sense of gratitude to Dr. R.B. Mane, Prof. and Head, Department of Chemistry and Dr.G.S. Gokavi for their continuous encouragement and hearty co-operation. I am thankful to members of the teaching and non-teaching staff of Department for their kind co-operation.

My sincere thanks are due to Principal, Shri. D.A. Patil, Vivekanand College, Kolhapur, for his active encouragement. I am thankful to Miss. S.V. Patil, Mr. A.R. Kore, Mr. D.D. Joshi, A.D. Sagar, Mr. Kavitake, Mr. Sanade for their kind help and encouragement during this work.

Place : Kolhapur

Date: June, 1994

Research Student

Mr. B.C. Patil Vivekanand College, Kolhapur.