. Foreword

It gives me great pleasure to express my deep sense of gratitude to my Guide Dr. P.L.Kulkarni, Head of the Department of Chemistry, Willingdon College, Sangli for the keen interest shown by him while the present work was in process.

Ι gratefully acknowledge тy deep indebtedness to the Principal, Willingdon College, Sangli providing t.he. for laboratory facilities.

My sincere thanks are also due to Dr. V.D. Kelkar, Lecturer in Inorganic Chemistry, University of Poona, for his constant encouragement and help throughout the experimental work.

I would like to extend my thanks to Prof. S.N.Kanetkar, Head of the Department of Microliology of the Willingdon College, Sangli for his help in carrying out the antimicrolial studies. My thanks are also due to all my colleagues for their encouragement.

I am very much thankful to Shri. A.R.Kulkarni who has assisted in kringing out this dissertation in a presentable form.

(S.B.Chougule) Department of Chemistry, Willingdon College, Sangli