Acknowledgement

Emotions cannot be adequately expressed in words, but are transformed into more formalities. Nevertheless formalities have to be completed. This acknowledgement is a sincere and highly emotional expression of gratitude for all those who made this work a most memorable milestone.


I feel an immense pleasure in taking this unique opportunity of expressing my sincere, humble and profound sense of gratitude, towards my guide Dr. B. N. Berad, Reader in Chemistry, Shri Shivaji Science College, Amravati for suggesting the research work, his valuable guidance, keen interest, timely suggestions, constructive advice and constant encouragement throughout the course of this investigation and for the efforts he has taken in correcting and preparation of the manuscript in the present form.

It is my proud privilege to record my deep sense of appreciation and sincere thanks to Prof. V. G. Bhamburkar, Principal, Shri Shivaji Science College, Amravati, for generously extending necessary laboratory facilities during the tenure of my research work.

Nothing this big gets done by one person, lots of persons had something to do with writing this thesis and deserve acknowledgement.

I am also indebted to Mrs. V. P. Deshmukh, Head, Department of Chemistry and Dr. V. G. Thakare, Co-ordinator, P.G. Department of Chemistry, Shri Shivaji Science College, Amravati, for their inspiration and giving useful suggestions from time to time throughout the research work.

It is my pleasure to implore my earnest gratefulness with Dr. V. B. Kadu and Dr. A.W. Raut, Ex-Heads, Department of Chemistry, Shri Shivaji Science College, Amravati, for their wholehearted support and guidance in initial stages of my research work.
I am extremely grateful to all my teachers of Chemistry Department, Shri Shivaji Science College, Amravati, for their unforgettable co-operation at every phase of this herculean task. I have been benefited immensely from their advice, criticism and encouragement.

I express my sincere thank to Dr. (Mrs.) S.S. Deshmukh, Department of Microbiology, Shri Shivaji Science College, Amravati, for rendering her help and guidance during antimicrobial screening of the compounds.

I am thankful to the Director, R.S.I.C., Punjab University, Chandigarh for recording IR, 'H-NMR and elemental analysis of the compounds. I am also grateful to the Director, C.D.R.I., Lucknow for recording IR, 'H-NMR and Mass spectra of some of my research compounds.

I wish to express my heartfelt thanks to colleagues and my friends for their active help and constant encouragement during the entire prosecution of this work and well wishes.

I should not forget the blessings, constant moral support and inspiration of my beloved father Shri. Kavishwarrao N. Burghate. I am also deeply indebted to my family members for their forbearance and well wishes.

Last, but not the least, it gives me a great pleasure in thanking Mr. Pravin M. Nerkar, Nerkar Electronics, Amravati for giving a computerised laser dimensions to my Ph.D. Thesis with commandable accuracy.

It is not possible to mention name, all those involved. It confirmed my appreciation to every hand that paved the way to success and completion of this remarkable task.

Miss Megha K. Burghate