ACKNOWLEDGEMENTS

It gives me immense pleasure, proud and privilege to express my deep sense of gratitude and respectful regards to Dr. Z. H. Khan, Head, Department of Biochemistry, Who has been the guide for this thesis work. I am indebted to him for his excellent guidance, constant encouragement, constructive criticism, candid suggestions and moral boosting help throughout the tenure of my work. I am highly thankful to him for providing all the necessary facilities in the department for the completion of this work.

Appreciation and respect are indebted to the symbol of trust, Mrs. Sadiya Khan who has been an enlightening source for nearly half a decade.

I will be failing in my duties if I do not acknowledge Dr. Wagh, Principal, Shri Shivaji College, Akola who has been a long standing pillar of strength for me.

I am highly indebted to Hon’ble Vice-Chancellor, Amravati University, Amravati, Dr. Sudhir Patil, who has been a sheer force of motivation, dynamism, courage and believe for me.

I acknowledge teaching staff Dr. M. Musaddique, Head, Department of Microbiology and Mr. Mular, Dr. S. P. Deshmukh, Dr. Rothe and Mrs. Pethe Shri Shivaji College, Akola.

No least help has been extended to me by Rizwan, Shardul, Kiran, Sadique, Sachin and Miss Arti during my research work which is remembrance for ever.

Thanks are due to Dr. B. C. Harinath and Dr. M. V. R. Reddy, Department of Biochemistry and J.B.T.D.R.C., MGIMS, Sevagram (Wardha) for their generous help and teachings which pawed the way in the right direction for this work.
I wish to acknowledge Dr. S. A. Nimbalkar and Dr. G. T. Gujar, Principal Scientist, Entomology Division, Indian Agricultural Research Institute, New Delhi, for their patronising guidance and bounty help.

I would like to thank Dr. U. M. Padigel, Department of Molecular Biology, University of Pennsylvania, Philadelphia, USA, for his constant help in access of literature.

Hearty thanks are due to Mr. N. S. Pakhale, Librarian, Indian Agricultural Research Institute, New Delhi, for his vivacious help for the provision of necessary literature.

I am thankful to Dr. Sapkal, Head, University Department of Chemical Technology, Amravati and Mr. B. S. Deshmukh alias Daddy, Member of Shivaji Education Society, Amravati for their help.

I wish to thank Dr. K. R. Gawal, Reader, Biochemistry Department, Pune University, Pune.

Thanks and appreciation are due to Mr. Arun Pagrut and Miss Meenakshi for their co-operation and encouragement.

At last but not least I appreciate the encouragement, affection, amicable and tendering support of all my family members throughout this work.

I am thankful to Mr. Shiade, Mr. Rewaskar and Mr. Hedau for their help. Excellent assistance of Ajay Computers and Printers in printing the thesis is greatly appreciated.

(Renuka B./Rajurkar)