A WORD OF GRATITUDE

I wish to extend my profound sense of gratitude and indebtedness to my supervisor Dr. S.K. Gupta, Reader in the Department of Chemistry, Bipin Bihari Postgraduate College, Jhansi but for whose guidance and valuable suggestions, it would not have been possible for me to complete this work. His able guidance and affectionate cooperation and encouragement during the tenure of the reported investigations have made my path crystal clear to enable me to finish it in time.

DR. Ashok Kumar Head Department of Chemistry, St. John’s College, Agra who has given his valuable time and consistence inspiration and guidance as a uncle, father and teacher to accomplish this work. His inspiration, resourceful ideas and valuable suggestion verily enlightened me all through research work. Without his help and guidance this thesis would not have been able to see this day.

I will be failing in my duty if I do not put on record my gratitude to DR N.C. Kanchan D. Litt., Principal of Bipin Bihari College, Jhansi for providing all the available library and laboratory facilities.
I feel greatly obliged to all other teachers of the Chemistry Department especially Dr I.M. Beg, Dr A.K. Nigam, Dr J. P. Pachauria, Dr S.P. Srivastava, Dr P.S. Chauhan, Dr K.C. Gupta, Dr R. K. Nigam and Dr Sarvesh Yadav for extending all possible help whenever I needed their guidance for resolving my problems.

My deep sense of gratitude is due to Dr M. S. Tyagi, Department of Chemistry Veterinary College, Mathura for taking keen interest in my work. His constant moral support, valuable suggestions, cooperation and encouragement led me up to the good present action of my thesis; indeed, he is the reservoir of deep knowledge, which enabled me to overcome numerous practical and theoretical problems in this work.

I also express my sentiments for my family members Mrs Sonia Sharma, Mrs Anshu Sharma, Mr Sanjay Parashar, Mr Sanjay Kumar Sharma, Mr Munish Sharma, Mrs Arti Parashar, Master Shubham Sharma and Baby Shubhi Sharma who have always been a source of inspiration to me for soaring loftier and loftier in the firmament of academic attainments and achievements with distinction.
The words of obligation are not enough to express thanks for the library authorities of Department of Chemistry, A.M.U. Aligarh, I.I.T. Delhi, IIT, INSDOC Delhi, NPL Delhi, JNU Delhi, Rajasthan University, Jaipur, Barkkatullah University, Bhopal, Allahabad University, Allahabad, Dr. B.R.A. University, Agra, St. John's College, Library, Agra, Bundelkhand University, Jhansi and Bipin Bihari College Library. For permitting me to consult the Journals and books needed for this work.

I am also beholden to Dr. Satish Goyal, Biostatistics Department, who has taken very keen interest in compilation of the Data in the present form. Last but not the least, I am thankful to all my friends, library and laboratory personnel and all others who took enough pains to make my work possible. Finally, I appreciate the efforts of Mr. Dharmendra Kumar for typing the manuscript so meticuously,

Jhansi

(Amit Parashar)