ACKNOWLEDGEMENT

I feel immense pleasure in expressing my deep sense of gratitude and indebtedness to Dr. S.C. Rastogi, Reader Chemistry Department, Meerut College, Meerut for this valuable guidance, suggestions and keen interest throughout the course of this work.

I am highly indebted to Principal Dr. H.P. Mittal and Dr. Arun Kumar, Reader and Head Chemistry Department, Meerut College Meerut for providing the necessary laboratory facilities.

I am grateful to Principal (Dr.) L.M. Sharma, Dr. B.K. Sharma (HOD); Dr. P.K. Sharma, Reader Chem. Deptt., NAS College, Meerut for providing me the adequate help and research facilities.

I am thankful to Smt. Majula Sharma my father in law Sh. B.P. Rastogi, mother in law Smt. Shobha Rastogi, Sh. A.K. Rastogi (Father); Smt. Alka Rastogi (mother); Vikas Rastogi (Husband) and brothers Amit Rastogi and Dr. Summit Rastogi for the encouragement during the course of research work.

I am very grateful to Director, Central Drug Research Institute, Lucknow for granting permission in carrying out the use of sophisticated instruments.