ACKNOWLEDGEMENT

Dr. J.P. Rawat was more than a supervisor to me. He was my mentor, philosopher and guide. As one of my most respected teachers he strived hard to introduce me to the realms of knowledge, and helped me grow and branch out. His premier support, constructive criticism and humble patronage will always be a cornerstone of my life. I thank him sincerely for his supervision.

I place, on record my deepest gratitude to Professor S.M. Osman, Chairman, Department of Chemistry, Aligarh Muslim University, Aligarh, for providing facilities for the research.

In any endeavour in life colleagues and friends play a very important role. I am thankful to all.

I also thank University Grants Commission for a research grant.

( S. Iqbal M. Kamoonpuri )