

ACKNOWLEDGEMENT

I take this opportunity to express my heart-felt thanks and deep sense of gratitude to Dr.J.B.Patil, M.Sc.,Ph.D.,Reader, Department of Chemistry, Shivaji University, Kolhapur for his excellent guidance and invaluable suggestions from time to time during the course of this work.

I must place on record my sincere thanks to Dr.R.B. Mane, Professor and Head, Department of Chemistry, Shivaji University, Kolhapur.

I am also thankful to teaching and non-teaching staff of Chemistry department for their co-operation during the course of this work.

Dr.M.L.Hongekar, Shri.R.V.Nimbalkar, Miss Adure A.S., Miss Chavan P.B.and Miss Yadav V.K. from Department of Chemistry need special mention for their co-operation and inspiration to me in this work.

It is my pleasant duty to offer thanks to Principal Mrs.U.R.Chavan, Kanya Mahavidyalaya, Kadegaon, Tal.Khanapur (Sangli) for her kind co-operation.

No words are adequate to express my heartfelt gratitude to my father and mother whose active encouragement through out my career.

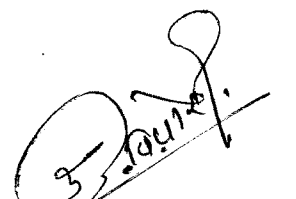
I am deeply grateful to my parents, brothers, sisters and family members for the encouragement.

I thank Mrs. Nakhe L.S. for her neat typing.

Lastly, I can not help expressing my sincere thanks to all those who directly or indirectly encouraged and helped me as my well-wishers.

Kolhapur.

December 1993



(MR.SANJAY PORE)