

ACKNOWLEDGEMENT

Words are inadequate to express my feeling while recording my deep sense of gratitude and respect to my teacher and guide Dr. G. S. Gokavi. The work presented here could not have been accomplished without his inspiring guidance, constructive criticism and constant encouragement during the course of my research programme.

I take this opportunity to thank Honorable Vice-Chancellor Prof. M. M. Salunkhe, for the inspiration. Also, I owe to Prof. P. P. Hankare, Head, Department of Chemistry, Shivaji University Kolhapur for providing necessary facilities and encouragement during research work.

I am grateful to Prof. K. J. Patil and Prof. S. R. Patil for their scientific guidance, earnest suggestions and encouragement during this work.

My special thanks to Dr. P. N. Bhosale, Dr. U. V. Desai, and other teaching staff of the Department for their keen interest and encouragement during the research period.

I sincerely thank the non-teaching staff of the Department of Chemistry, Shivaji University Kolhapur for their help and co-operation.

My special thanks to my laboratory colleagues. S. D. Kadam, Amit Supale, Dr. V. A. Kalantre, Dr. S. B. Teli, Mr. D. S. Rajamane, S. N. Zende, V. M. Gurame, S. L. Bhattar for their co-operation and help in every aspect throughout this work.

I am greatly indebted to my father and my mother, without whose support this would have been impossible task. As parents, they provided me the encouragement not only for the period of this thesis but throughout my life.

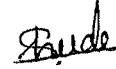
My heartfelt thanks to my friends Shwetu, Dhanu, Vidya, Sheela, Poonam, Vikrant, Amol, Kallyani and Ulka for their cheerful co-operation and support in every aspect throughout this work. The inspiration and affection of my sisters, Tai, Mai and brothers Sangram, sameer Bhaiyya have provided me all type of moral and emotional support throughout my work. I am greatly indebted to my friend Vaishu

without whose support this would have been impossible task. As friend, she provided me the encouragement not only for the period of this thesis but throughout my life.

Finally I am very thankful to all those who have assisted directly and indirectly in the completion of this dissertation.

Place : Kolhapur

Date : 25/03/2008



Miss. Sarika A. Shewale