

ACKNOWLEDGEMENTS

It is with great pleasure that I acknowledge my profound gratitude to my research supervisor, Dr. D Basavaiah, for suggesting me this problem, for inspiring guidance and constant encouragement throughout the course of this work. All the faculty members of the School of Chemistry have been extremely helpful and I thank them all.

I appreciate the help rendered by my colleagues, Dr. V.V.L. Gowriswari, Messers P. Dharma Rao, P.K.S. Sarma, P. Rama Krishna, S. Bhaskar Raju, S. Pandiya Raju and Ms. R. Suguna.

I would like to thank all my family members and friends for their kind cooperation and encouragement throughout my career.

All the non-teaching staff of the School of Chemistry, Central Instrumentation Laboratory and Central Workshop have been extremely helpful and I thank them all.

Financial assistance from Council of Scientific and Industrial Research, New Delhi, in support of this work is gratefully acknowledged.

T.K. BHARATHI