

A C K N O W L E D G E M E N T

It gives me great pleasure to extend my heartfelt sincere gratitude to Dr. Sukh Dev, D.Sc., F.N.A., Director, Multi-Chem Research Centre for providing me an opportunity to work under his esteemed guidance and supervision in his research group. I am indeed thankful to him for his fruitful suggestions and appropriate criticism which led me to develop self confidence and aptitude for research. I owe my due respect to him for his critical evaluation of my research work.

I am very much thankful to Dr. R. Soman for helpful guidance in day to day research work. Special thanks are due to Dr. R.C. Pandey for his valuable discussions and inspiration.

Thanks are due to Prof. S.N. Padte and Dr. M Denial for procurement of authentic material and valuable discussions, also to Dr. Peter Roller, NCI for FABMS, Prof. G. Mehta for ^{13}C -NMR, Dr. Samarth for IR spectra and analytical staff of MRC, IPCL, M.S.University, NCL and CDRI. I am thankful to Prof. Rao for allowing me to work in Pharmacy Department for microbiological studies.

I take this opportunity to thank all my colleagues, friends and family members for giving me cooperation and bearing with me throughout this task.

Financial assistance by C.S.I.R., New Delhi is greatly acknowledged


(JAYSHREE JOSHI)