ACKNOWLEDGEMENTS

By the grace of lord Krishna in the land of Dharmkshetra- Kurukshetra, this page is specifically written to note my appreciation of those people who stand out most notably in my mind for their contributions during my research tenure.

From the profundity of my inner soul, first of all I take the privilege to express my deep sense of gratitude to my adroit supervisor Dr. B. D. Vashistha, Associate Professor and Chairman, Department of Botany, Kurukshetra University, Kurukshetra for his meticulous guidance, helpful suggestions, moral encouragement as well as painstaking supervision.

I am also grateful to all the teachers of my Department for extending all possible help and suggestions.

I am also thankful to my teaching staff of the Department of Botany for their day to day help in research work. I express my heartily appreciation to all of them.

I value the selfless cooperation and enthusiastic encouragement from Dr. K.B. Singh, Associate Professor of Botany, University College, Kurukshetra University; Dr. Vibha Singh, Associate Professor of Home Science, C.I.S. Kanya Mahavidyalaya, Pundari; Dr. Manoj Kumar Sharma, Assistant Ornithologist, Punjab Agriculture University, Ludhiana and Dr. Nidhan Singh, Asst. Professor of Botany, I.B. College, Panipat for their help and co-operation.

I am also thankful to all my Lab mates especially Shivani Verma, Mandeep Kaur, Ravinder Kaur, Preet Rachna and Parul for their help and moral support.

I owe special words of thanks to all my friends especially Dr. Aditya Kumar, Dr. Rahul Jain, Ravi Kumar, Rajesh Taya, Dr. Ajay Kansal, Rajan Chopda, Vikram Yadav, Sapna Sharma, Chhavi Mangala, Seema and Mansi.

Words in my lexicon fail to express the depth of my feelings for my Father- Mother and all my family members who displayed love, affection, encouragement, constant help and moral support in each and every step of my life. I also extend my sentiments to Didi-Jijaji, Sumitra, Jaya Shuruti and Vipul whose silent wishes and moral inspiration have always created confidence in me to complete this work.

(Hemant Sharma)