Acknowledgements

ACKNOWLEDGEMENTS

It gives me great pleasure to express my deep sense of gratitude to my guide Dr. G. B. DIXIT, M.Sc., Ph.D. for suggesting this problem and for continuous guidance throughout the course of this investigation.

My sincere thanks are due to **Prof. B. A. HEGDE**, Head of Botany Department, Shivaji University, Kolhapur, for providing all research facilities.

My greatful thanks to Dr. S. R. YADAV, Dr. P. D. CHAVAN, DR. B. A. KARADGE and Dr. (Mrs.) U. S. YADAV for their valuable suggestions and help throughout the course of this investigation. I am indebted to all the staff members of Botany Department, Shivaji University, Kolhapur for their direct or indirect help during my research work.

It gives me a great pleasure to express my thanks towards my friends H. S. PATIL, I. I. MUJAWAR, D. G. JAGTAP, B. Y. NETKE, SURYAWANSHI, S. Y. JADHAV and A. S. Magar for their help in completion of my work.

I fail not to thank to **Principal SURYAJIRAO PARAB**, **BHARATI VIDYAPEETH**, **KANYA MAHAVIDYALA**, **KADEGAON** for their valuable help during my research work.

I have no words to thank for my parents and other family members.

(Udaykumar A. Yadav)