.

. .

. . .

ACKNOWLEDGEMENT

.

0' Lord that lends me life

Lend me a heart replete with trankfullness
- Shakespere

Though the heart is full of thankfullness, words fall short in expressing this feeling. So is the case with my illustrious teacher and guide Dr. T. M. Patil. I am one of those fourtunates, among the unfortunates, that today this piece of research work is coming to a conclusion because of his able guidance and constant encouragement.

With great pleasure I owe a debt of gratitude to Professor (Dr.) B. A. Hegde and Professor (Dr.) M. S. Patil for providing me research facilities and constant encouragement.

I deem it my pleasent duty to offer thanks to all my teachers, research colleagues and non teaching staff of this department for their kind co-operation.

I should acknowledge with gratitude Prof. E. Rodriguez, Dr. Manueal Arcgullin of Califorria, U.S.A. and Dr. M. M. Salunkhe, Department of Chemistry, Shivaji University, Kolhapur for their valuable help in NMR and HPLC and Dr. P. Neuman, University of Texas, Austin for providing standard ohenolic compounds.

I am thankful to Shri. M. R. Desnmukh, Artist, Department of Botany, Shivaji University, Kolkapur for excellent photography, Shri. D. Y. Khot, for helping in collection of plant material, Mrs. Sushila Shetye, and Shri. A. S. Bongale, Kolhapur for skillfull and neat typing and tracing and Shri. D. M. Bhuingade for his art in embossing and binding.

I express my deep sense of gratitude to my beloved parents for their constant encouragement and inspiration.

Last but not least I am thankful to all my family members, well-wishers and friends for their ever willing assistance.

Mis. Ashalata V. Deshpande. (Candidate)

Kolhapur 4.3.1993