

## ACKNOWLEDGEMENT

With a deep sense of gratitude, I record my sincere thanks to Dr. R.V. Shah, Professor and Head of Department of Zoology, M.S. University of Baroda, Baroda, for suggesting the problem and for the guidance. I had the privilege of obtaining constant encouragement and constructive criticisms from him, which has both enlightened and helped me to a very great extent in completing this work.

I wish to extend my thanks to Drs. Bonny Pilo and A.V. Ramachandran for their unfailing help in critically going through the manuscript. It is with pleasure I acknowledge valuable and timely help rendered by Drs. P.K. Hiradhar, N. Radhakrishnan and M.V. Asnani, sparing much of their valuable time for the preparation of this thesis.

I am also indebted to all my colleagues and friends in the department for their assistance rendered to me during the tenure of this work.