ACKNOWLEDGEMENTS
I greatly indebted to my affectionate, revered and gifted teacher and research supervisor Prof. Md. Bashamohideen, M.Sc., (Gold Medalist), Ph.D., F.A.Z., F.N.E.S.A., M.G.Z.S. (West Germany), Professor of Zoology and Dean, Faculty of Sciences, Sri Krishnadevaraya University, Anantapur. Best Scientist Awardee (Gold Medalist) by the National Environmental Science Academy, New Delhi. Best Teacher State Awardee by the Government of Andhra Pradesh, Academic Senate Member and former Principal, S.K. University for suggesting me this topic, for his invaluable guidance, keen interest and constant encouragement and for the many courtesies he extended during the course of this investigation. This dissertation is only a result of inspiration I got from his dedication to the subject. It was a great privilege to be a research student under his able, experted and conscientious guidance.

I express my heartfelt thanks to Prof. M.J. Kesava Murthy our beloved Vice-Chancellor, S.K. University, for all the encouragement given to me in completing my Ph.D. Programme.

My thanks are also due to the local Fisheries Department at Anantapur, Govt. of Andhra Pradesh, for their kind help in supplying me the experimental material, fishes used in my investigation.

I am highly indebted to my beloved parents and my mother-in-law and father-in-law for their constant help, encouragement and blessings.

I will be failing in my duty, if I do not tender my heartfelt and sincere thanks to my life partner, Santha Bai and to my delight of my life, my son Bharat Naik for their nice co-operation and adjustments that made this investigation complete at the earliest possible time.

I express my thanks to my sister Sakku Bai and her family. My brother Tukaram Naik, and his family and brother-in-laws Sreeramulu Naik, Tagore Niak, Anand Naik and Pratap Naik for extending me all the co-operation and moral support during the tenure of my Ph.D. programme.

My thanks are also due to Rajesh Lasers, Rajesh photostat, College Road, Anantapur for the excellent printing of my Ph.D., thesis.

At last, but not least, I am grateful to all my colleagues and friends for all the encouragement extending to me during this academic endeavour.

-- S. SANKER NAIK