ACKNOWLEDGEMENTS

I am very glad to take this opportunity for offering my profound indebtedness and gratitude to my Guide Dr. M.G. Babare Research Guide in Environmental Science, Department of Zoology and Fishery Science, A.S.C. College, Naldurg whose research talent, technical skill, scientific attitude, the Oretical knowledge and Experimental understanding are responsible for presenting this work in an accomplished way. He has conveyed valuable suggestions for improvement, useful discussions to me from time to time for bringing the present form of the research work.

I express my gratitude to respected Dr. N.N. Balenda Reader, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad his deep rooted knowledge, mastery approach, serious and meticulous attention at every moment, wise supervision, consistent encouragement, positive criticism perseverance interest and superb guidance. His perpetual energy and enthusiasm in research had motivated all his advisers, including me.

I wish to express my sincere thanks to Honourable Shri. Shivajirao Patil Babalgaonkar (Chairman), Honourable Shri. Narendraji Borgaonkar (Secretary), Honourable Shri. Sidramappa Alure (Working Chairman), Honourable Shri. Madhkarrao Chauhan(MLA Tuljapur and Deputy Speaker Maharashtra Assembly) and other members of Balaghat Shikshan Sanstha Naldurg, for supporting me to carry out my research work.

I am thankful to my colleagues Vice-principal N.M. Makne, S.N. Choudhary, U.B. Chenshetti, R.K. Dhokale, Y.V. Suryawanshi, D.A. Bhusare and N.B. Chilgunde for their moral support encouragement given to me during the course of study.

I express my heartiest gratitude Dr. D.R. Mane, Dean Faculty of Science, Dr. B.A.M. University, Aurangabad.
I thank to all the teaching and Non-teaching staff of the Arts, Science and Commerce College, Naldurg for their kind Co-operation.

I express my deepest gratitude to Mr. Rahul Jadhav (ETP Operator and Office Incharge, Sugar Industry), who has been a perennial source of empowerment, encouragement and regular guidance, their meticulous care for completing this work.

I am thankful to Librarian, A.S.C. College, Naldurg and Department of Library Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad for providing significant literature.

I express my sincere thanks to all the staff members of Department of Environmental Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad for their appropriate suggestions and encouragement time to time.

I am deeply expressing gratitude to my beloved father Late Bapu, Mother Mamma and brother Aba whose blessings always inspiring me for the completion of research work.

I am especially indebted, to my daughters Sow. Shruti, Sow. Dipa, Son-in-Law Dr. Parag, Mr. Mohit and Grand son Arin.

I wish to express my thanks to Dr. Nitin Padwal and Dr. Hansraj Jadhav for supporting to research work and completion of research.

Lastly thanks are due to "Shri Samarth Graphics" for the dexterous and timely typing of the thesis.