ACKNOWLEDGEMENTS

I am sincerely indebted to my beloved teacher and guide Prof. Dr. (Miss) N. J. Chinoy for her continuous support, execution of research in environmental sciences for the first time in Gujarat University, which resulted in this thesis formulation. The explorative work of this study has been possible due to the veteran guidance and galaxy of ideas of laminare, whose honest encouragement, high moral, helping attitude, personal regards and affection had made me familiar with research, which is of prime concern to the humanity and environment, for which I humbly venerate her once again.

My whole hearted gratitude goes to my professors, Mr. N. S. Varandani and Mr. J. N. Joshi from L. D. College of Engineering, Ahmedabad; for guiding me on my work on defluoridation technique. I am grateful to them for their constant support, suggestions and co-operation provided to me at every stage of my work.

I must thank to Mr. Jagadishchandra M. Barot, Director, Gujarat Jalseva Training Institute; Gandhinagar and Joint Secretary, Gujarat Water Supply and Sewerage Board; Gandhinagar, for his valuable guidance and extended support given to me till today.

My special thanks go to Gujarat Council for Hunger Project and Gujarat Science Academy for providing financial assistance to me on behalf of International Hunger Project.

I owe a great deal to Mr. B. F. Salunia, member secretary, Mr. K. B. Vaghela and Mr. Anil Shah from Gujarat Pollution Control Board and Dr. N. B. Ghodasara from National Institute of Occupational Health for their help in analysing fluoride samples.

I am also very grateful to Mr. Mallesh Patel, Mr. N. T. Santadasani and Mr. M. D. Kalele for their ready help during my survey work.
I specially offer my sincere gratitude to Dr. M. V. Rao and Dr. R. J. Verma; Department of Zoology and Mr. Y. H. Oza and Mr. G. H. Ban from L. D. College of Engineering, Ahmedabad for their help and suggestions throughout the work.

I would like to convey a vote of thanks to Dr. M. V. Narayana, Dr. Mathews Michael, Dr. H. V. Pandya, Miss Priya Padman, Mr. K. D. Shah and Mr. Bharat Jethva.

My thanks are also to all those fluorotic human inhabbitants and all my friends who had helped me during the tenure of my work.

Last but not the least, I thank my family and all the relatives for their continuous encouragement and progress for this type of work.

(VINODCHANDRA V. BAROT)