ACKNOWLEDGMENT

The problem of the present research was of a multivariate study, which requires keen insight and knowledge without which the activity could not be pursued. I was fortunate in having a guide who knew all these, and he is no less than Dr. H. D. Badami, Reader in Psychology in Gujarat University, Ahmedabad. He is a man of profound erudition and as such he loves his subject but he loves me no less. I sincerely thank him for the affection he has shown and the inspiration and valuable guidance he has given me throughout my work. Without him, I could not have been able to pursue and complete this research. I will always cherish him in my memory.

The principals, the teachers and the pupils of various schools of Ahmedabad city, where the research was undertaken, were always co-operative in my research endeavour. I thank them sincerely for their cooperation during my research activity.

Also I must make special mention of Dr. D. N. Patel, Reader (Retd.) of Education Department, Sardar Patel University, who helped me in this research. His critical comments, insightful recommendations and creative thoughts both in the theory and measurement of
a subject which is the vital part of learning process in education were important aids in organizing my thinking concerning the problem at hand. His sincere interest in my development has been of the greatest importance to me. I thank him a lot.

This work which requires tremendous computations of parametric and non-parametric nature for which I was fortunate in getting help of Shri R. P. Soni, Director, Rollwala Computer Centre. The valuable help extended by the technical staff of Rollwala Computer Centre, the Computing Centre of Gujarat University, Ahmedabad, Shri Kedar P. Bhatt, Programmer, Shri Yogendra N. Gadhvi, Shri Hitendra B. Dave, Shri Kartik C. Patel and Shri Pradeep Chokshi in Computing, analysing, processing and printing the research work, was of great importance. I very deeply express my sincere thanks to them wholeheartedly at this juncture.

It would be disgraceful if I don't express my indebtedness to my wife Dr. Indira, my daughter Nirzari and son Jwalant, who in and out, prepared me in the right set-up of my mind to complete my work in time.

Finally, this thesis is dedicated to my wife, Dr. Indira, whose general encouragement has made this effort easier and successful.

May 1991. H. P. CHAUHAN