

ACKNOWLEDGEMENTS

The research work incorporated in this thesis entitled "Some Problems on Sampling" for the Ph.D. degree is done by me during the period 1973-1977 under the guidance of Dr. S.W. Dharmadhikari, Professor of Statistics, Department of Statistics, Faculty of Science, The Maharaja Sayajirao University of Baroda, Baroda (at present, Department of Mathematics, University of Illinois, U.S.A.). I wish to express my sincere thanks to Dr. S.W. Dharmadhikari for suggesting the problems and to acknowledge gratefully his patient guidance and constant encouragement throughout the preparation of the thesis.

The essential impetus to this research work is provided by Professor (Mrs.) I.V. Bhanot, Head, Department of Statistics. I am deeply grateful to her for the research facilities provided in the department.

My colleagues in the department Dr. M.Sreehari, Dr. D.K. Shah and Mr. R.C. Patel have helped me in final proof corrections of the draft of the thesis. I express my thanks to them. I have also received help from other colleagues of

my department. I take this opportunity to thank them all.

I am thankful to the members of the office staff of my department for their help and co-operation. I express my sincere thanks to Mr. C.N. Kachhia for neat and clean typing of the final draft of the thesis in a very short period of time.

Baroda

December 1977

H.C. PATEL