ACKNOWLEDGEMENT

It gives me great pleasure to express my thanks to the almighty God who has been merciful to enable me to complete the present thesis entitled “Optimum plans for some sectors of rural economy” which is being submitted for the award of the degree of Doctor of Philosophy in Statistics (Operation Research) in the faculty of Science of Ch. Charan Singh University, Meerut. It embodies the results of the investigations carried out by me, under the Joint supervision of Dr. S.N. Gupta, Internal Supervisor Ex. Head, Department of Statistics, Meerut College, Meerut, and Dr. Rajeev Kumar Jain, External Supervisor Reader, Department of Statistics, D.A.V.(P.G) College, Dehradun.

I am sincerely indebted to my supervisors who helped me in numbers of ways. They are the person who trained me in the act of writing research thesis and empirical research in Statistics. There penetrating criticism and valuable suggestions at various stages of my research have been helpful in completion of this study.

My reverend salutations are also due to Professor V.A. Bauroi, Principal, S.G.G.R(PG) College, who has been the inspiring spirit behind this entire Endeavour.

I take an opportunity to convey my thanks to Mr. Rawat, District Statistical Officer, Dehradun and the staff of District Statistical Department, Dehradun. I shall be failing in my duties if I do not express my gratitude to a Dr. Mrs. Renu Jain for his keen interest, valuable comments which helps me in several ways beyond imaginations without his support and encouragement this work have never been possible.

A Ph.D. Thesis cannot be written without measurable sacrifices by the members of writer’s family. My parents who always urged me to take up an academic carrier. They are now not present to see that their wish is being completed but their blessing is always with me. They played a major role throughout my life and without their blessing this target was unbelievable.

My sister Parvinder Kaur who sacrifices and love have been a great source of strength to me. She had a great wish to see my Research work completely. But unfortunately, she is no more to see this target achieved because she died last year.
My heart goes out in reverence to my brother Rajdeep Bindra, Sunny Bindra for their tremendous, patience, endurance and affection without their support and encouragement, this work would have been never possible.

Now at last but not the least I want to thank to Mr.Sachin & Amit mohan who devoted his precious time in typing my thesis.

I personally feel that some errors might have kept in during the course of this bold gigantic topic for which I may be pardoned.

Jasvinder pal singh