ACKNOWLEDGEMENT

Proposed research work was accomplished under the supervision of Dr. Labanada Choudhury, Professor and Head of the Department of Statistics, Gauhati University. I am indebted to Dr. L. Choudhury for his valuable encouragement and inexpressible support in every aspect of research. I am thankful to him especially for the thing that a lot of knowledge related to research activity I learn from him.

I must put on record my sincere thanks and gratitude to Dr. Amit Choudhury, Associate Professor, Department of Statistics, Gauhati University, Dr. Manab Deka, Assistance Professor, Arya Vidya pith College, Guwahati for their whole-hearted guidance and co-operation in the matter of data analysis particularly in the chapters related to SPSS. I also extend my thank to young brother like Sri Prasanta Barman, Assistant Professor Kohima Science College, Kohima for his help in the matter of estimation. I am thankful to all the faculty members of the Department of Statistics, Gauhati University for their co-operation. I am solely indebted to all my family members and particularly my wife and my two sons for their constant supports and inspirations in this journey of research. They remain with me all along wherever I become disheartened in my work.

I wish to thank all the research scholars of the Department of Statistics for their all time cooperation. I like to acknowledge Dr. Nazrul Islam, an ex-research scholar of the Department of Statistics, Gauhati University as well as Assistant Professor of Shahjalal University of Science and Technology, Bangladesh for his
corporations. I like to give special thanks to Mr. Prasenjit Sinha, a research scholar of the Department of Statistics, Gauhati University as well as Assistant Professor of I. C. V. College, Belonia, Tripura (S) for his all round help in all respect.

I am thankful to my Student cum colleague of computer Science, Department of G.C. College, Silchar Sriman Abhijit Paul because he extend his full support to me in the matter of computer works when ever I need.

I also acknowledge one of my student Sriman Satadal Acharya and his team for their full support in the matter of data collection from the field. I am also thankful to UGC (NERO) for providing me financial assistance in the form of a Minor Research Project to complete the research work.

It is not the last but the least to express my thanks to all the non-teaching staffs of the Department of Statistics, Gauhati University.

(Sri Naren Biswas)