

## ACKNOWLEDGEMENTS

*My dissertation would be incomplete, if I fail to acknowledge the persons who helped me directly or indirectly during this course.*

*It indeed gives me a great pleasure to express my deep sense of gratitude to my guide, Dr. D. T. Shirke, whose constant encouragement, unfailing patience and valuable guidance have benefited me greatly.*

*I would like to thank Dr. R. N. Rattihalli, Head, Department of Statistics, Shivji University, Kolhapur, for providing me the necessary research facilities and for usefull discussions.*

*I express my sincere thanks to Dr. S. R. Kulkarni, Mrs. H. V. Kulkarni for their help and encouragement from time to time.*

*I am very much thankful to my colleague, Mrs. S. A. Kumbhar for inspiring me to complete M. Phil. course. I would like to thank all my friends, who co-operated me during M. Phil course. I also thankful to non-teaching staff of the department for their help.*

*N. P. Madhure*