

## ACKNOWLEDGEMENT

*It gives me a great pleasure to express my sincere thanks with deep sense of gratitude to Dr. H. V. Kulkarni for her patience, and valuable guidance throughout the course of this work. She was my source of inspiration which helped me complete my dissertation work. This work would not have been possible without their constant encouragement.*

*My sincere thanks to Professor, Dr. R. N. Rattihalli, Head, Department of Statistics, Shivaji University, Kolhapur having provided me with the necessary facilities during the course of my research.*

*I am grateful to Dr. S. R. Kulkarni, Dr. D. T. Shirke for their valuable guidance and co-operation.*

*I would like to take this opportunity to thank to all my friends in the Department for their encouragement and help which I received from them during the course of work throughout. Also I would like to thank non - teaching staff of the Department for their help.*

*I am deeply indebted to my parents for their wonderful patience and guidance.*

*Department of Statistics,  
Shivaji University,  
Kolhapur.*

*Ms. Sarita H. Patil  
Date : June, 19, 2003 .*