## ACKNOWLEDGEMENT

It is my great pleasure to record my sincere gratitude to Dr. G. H. Patil, Reader, Department of Mathematics, Shivaji University, Kolhapur, for his inspiring guidance and been supervision during the preparation of present dissertation for the award of Master of Philosophy.

I am highly indebted to **Dr. G. G. Asgekar**, Professor and Head, Department of Mathematics, Shivaji University, Kolhapur, for his benign encouragement and providing me all possible facilities available in the department. I wish to use this opportunity to express my greatest sense of gratitude to all the teaching and non-teaching staff members of Department of Mathematics, Shivaji University, Kolhapur, for their generous co-operation in completing my work.

I am greatly indebted to my friends Shri. S. A. Morye for useful suggestions and fruitful discussion, which have been of great help to me.

I feel paucity of words in expressing my infinite indebtedness and regards for my parents and to all my family members, whose love, motivation, sacrifice and constant encouragement helped me in the successful completion of this task.