ACKNOWLEDGEMENTS

I extend my sincere gratitude to my guide Prof. P. CHINNAPPA REDDY, Professor & Director, Dept. of Physical Education, S.K. University, Anantapur, who selected my topic for this Ph.D. dissertation. Prof. P. Chinnappa Reddy has always been a source of inspiration and guidance from the beginning and to the end of this investigation. This project is unique in every way and its successful completion is entirely due to the unstinted co-operation and direction which was extended to me by Prof. P. Chinnappa Reddy.

I will be failing in my endeavour if I don’t express my sincere gratitude to Prof. T. K. V. IYANGAR, Professor, Department of Mathematics & Humanities, REC, Warangal, who extended unstinted and unrestricted co-operation in model preparation, statistical inferences and interpretation of this study.

My sincere thanks are also due to the Principals of Zion College of Physical Education, Cuddapah, Rayalaseema College of Physical Education, Proddatur, College of Physical Education, Inkolli, Gnanabharathi College of Physical Education, Hyderabad, Vijayanagar College of Physical Education, Anantapur, S.K. University College, Anantapur and their faculty for their cooperation in every aspect of this project. My thanks are also due to the students of these institutions who are the subjects for this investigation and made this investigation a success.
Prof. S. RAGHAVA CHARI, Prof. B. P. CHANDRASEKHAR, and Sri FRANCIS CHRISTOPHER, Faculty Members of Centre for Transportation Engineering, REC, Warangal will ever remain verdant in my memory for their choicest contribution to this dissertation with their valuable suggestions.

Sri SRINIVASA CHARY, Research Scholar, Department of Mathematics and Humanities, REC, Warangal has given me complete support with his expertise in computers, in using statistical techniques at appropriate junctures. I am greatly indebted to him for the help.

I also thank my colleagues Dr. P. NAGESWARA RAO, Assistant Professor, Department of Chemistry, Dr. K. APPALA RAJU, Assistant Professor, Department of Mathematics & Humanities, Sri R. DAYANITHI, Physical Director, REC, Warangal and Sri P. JOHNSON, Lecturer in Physical Education, Sri Krishnadevaraya University, Anantapur for their continuous encouragement and guidance in the completion of the thesis.

I profusely thank Sri PRAKASAM, Librarian, Kakatiya Medical College, Warangal and Sri Ch. SURYA PRAKASA RAO, Typist, Transportation Division, REC, Warangal, who have contributed their mite in helping me to design this dissertation.
My thanks are due to the Professors Dr. T.S. Sudhir and Dr. (Smt.) Jamuna Sudhir, Kakatiya Medical College, Warangal, Prof. V. Vasudeva Rao, Chairman, Games Committee, REC, Warangal, Principals Sri G. Jesudas and Smt. O. Vijayalakshmi of the A.P.E.S., Sri B. S. Rao, Currency Chest Manager, Syndicate Bank, Anantapur and to my wife Mrs. Anuradha for their moral support and encouragement.

Last but not the least, I thank one and all who helped me directly and indirectly in completing this study.

Ravi Kumar P.