Acknowledgements

It is a great opportunity to express my gratitude to those, who have helped and encouraged me in various ways in carrying out this study.

My deepest gratitude goes to all the subjects of this study for their voluntary participation, providing data patiently at different occasions, constant encouragement and cooperation to pursue this work.

It is my great honour to express my indebtedness to Dr. Subrata K. Roy for his unfailing and thought provoking guidance at every stage of this study. I am also thankful to Professor Manibrata Bhattacharyya for his encouragement and immense academic help. I am thankful to Dr. P. Bharati for his help in establishing initial rapport at the beginning. I owe profound debts to Professor A. Basu, Professor K.C. Malhotra and Professor P.P. Majumder for their valuable suggestions and comments and to Dr. P. Dasgupta, Dr. T.S. Vasulu and Dr. S. Mukhopadhyay for their sustained help and innumerable useful discussions. Professor R. Gupta and Dr. B. Mukhopadhyay, who have gone through the manuscript, deserve sincere thanks. I would like to convey my gratitude to Professor A. Dewanji for his valuable advice.

Financial and administrative support given to this work by the authorities of Indian Statistical Institute (ISI), particularly Director, Dean of Studies, Professor-in-Charge, Biological Sciences Division, and Head, Biological Anthropology Unit and other staffs of the institute.

Mr. Shankar Ram is gracefully acknowledged for his immense cooperation and support during the field-work. Mr. Baidyanath Pal and Mr. R.N. Das kindly given me the benefit of utilizing their technical knowledge especially during data analysis, which are gratefully acknowledged.

I am greatly thankful to authorities of the National Institute for the Orthopedically Handicapped (NIOH) and Mahavir Seva Sadan (MSS) for giving me the opportunities to use their official records. Dr. A. Biswas, Mr. S. Bose and Mr. S.R. Sarkar of NIOH
and Mr. J.S. Mehta, Dr. V.K. Nevatia and Mr. T.N. Tiwari of MSS are acknowledged for their useful help and cooperation.

I am very much grateful to Mr. S. Basu of Department of Psychology, University of Calcutta, Dr. A. Samanta of All India Institute of Hygiene and Public Health, Calcutta and Dr. A. Goswami of Sports Authority of India, Gandhinagar for providing me valuable literatures on the problem.

I would like to give special thanks to Sujata Kar, Sobhanjan Sarkar, Arpita Sarkar, Nilabja Sikdar, Mahua Sengupta, Rana Saha, Priyanka Majumdar, Gautam Mukherjee, Dr. Paramita Nandy and Dr. B. Mondal of ISI for their constant cooperation and memorable academic discussions. I am thankful to my friends especially Raja Kumar, Mahua Sinha and Dipanwita Pradhan, who inspired me several ways in continuing this work.

Last but not the least, I am immensely grateful to my parents, who not only rendered sustained help, moral support and encouragement but also provided me the necessary motivation for this work.