ACKNOWLEDGEMENT

The research scholar wishes to express his sincere appreciation and gratitude to Department of Centre for Advanced Studies of Lakshmibai National Institute of Physical Education, Gwalior for providing an opportunity to work on this study and facilities extended to me in carrying out this study successfully.

Deep sense of gratitude is expressed to Dr. Vivek Pandey, HOD, Exercise Physiology Department of LNIPE, Gwalior, for giving his valuable direction, guidance & motivation as a supervisor of this dissertation for successfully completing the study. Thank you sir for always supporting me in every situation and guiding me to achieve such great achievements.

Thanks especially to Prof J.P Verma, Director, Centre for Advanced Studies LNIPE, Gwalior for his enthusiasm, encouragement and knowledge provided to me to triumph over all the obstacles. Thank you sir for giving your valuable time, in spite of your busy schedule and opening your door always to support, motivate and to teach me in an enormous way.

I especially want to thank Prof. Jasraj Singh, Former Director of Centre for Advanced Studies LNIPE, Gwalior for making me realize and forcing me to work hard and prove my inner qualities as a researcher, teacher and a human being.

I extend my grateful thanks to Prof Jayashree Acharya, H.O.D. Department of Sports Psychology, LNIPE, Gwalior for being as a mentor, motivator, supporter and as a director during my tenure as a Ph.D scholar or as a student. You are one of my best role models as a teacher and your dedication, enthusiasm, and punctuality has taught me and made me to achieve such great heights.

I would like to express my deep sense of gratitude to my friends who helped me in data collection procedure especially to Rajarshi Kar, Somanpreet Singh, Pradeep Asteya, Rojeet Singh, Rakesh Kumar Yadav, and Madhusudan Singh.

I would like to express my gratitude to my subjects who took part in my experimental protocol and followed my instructions and executed in the way as my
research directs. Without their voluntary and wholehearted support the study could not
have been completed.

Last, but not the least for the immense love, enthusiasm, and moral support of my
father and mother.

Gaurav Singh Kushwah