Acknowledgement

At the very beginning, I thank the almighty for showering the bounties in blessing me.

The journey of life halts for a moment when we think of the people who have lent their kind and encouraging support to us. Today I stand at a juncture where I think of such people and all names spur back to my memory. My research work is on the verge of completion but it would not be accomplished until I acknowledge the contribution of others towards this effort.

It is my privilege and pleasure to express my profound gratitude to my esteemed Supervisor Prof. Mangla Bhide (M.Sc., Ph.D., FAZ, FISDB) Professor in Zoology, Dr. H. S. Gour University, Sagar (M.P.) for her constant guidance and help throughout the course of work and for paying attention to problems ranging from the simplest to the complex.

I am heartily thankful to honourable Prof. S. Banerjee, Head, Department of Zoology, Dr. H.S. Gour Vishwavidyalaya, Sagar (M.P.) for providing me all the necessary laboratory facilities to carry out the present work.

It is indeed a gratifying experience for me to express my deep sense of gratitude to all the respected teachers for their help and suggestions received whenever I needed.

I acknowledge my deep sense of gratitude to my friends and research mates mainly Rekha, Preeti, Shubhra, Deepthi, and Shailendra for providing help during research work.

I am also thankful to non-teaching staff of Department of Zoology for their co-operation whenever I needed.

I extend my thanks to Jawaharlal Nehru Library, Dr. H.S. Gour University, Sagar so it could be possible for me to acquire the concerning recent literature related to this work.
I can also thankful to Mr. Rinky Survaiya who helped me in photography during my research work.

Last but certainly not the least, I must thank Mr. N.R. Patra and Mr. Goutam, Professional Computers, rendering their apt help in computer typing work.

It is rather difficult for me to find the proper words to express my gratitude towards my father Shri S.C. Jain and mother Smt. Indra Jain as their help and blessing has been a precious asset throughout the course of my research work and my whole study.

At this moment, I will never forget to acknowledge my other family members Smt. Sadhna Jain and Shri K.K. Jain, Smt. Pratibha Jain and Shri S.K. Jain for their encouragement, love and belief on me.

I acknowledge my deep sense of gratitude to my loving Shashank, Shreya, Shreeyance.

Specially, I am really very indebted to my husband Mr. Jitendra Jain and other in-laws family members for encouraging and supporting in my thesis work.

Finally I bow my head in front of God Mahavir Swamiji and Great Saint Acharya Vidyasagarji to present work in final shape.

[Signature]

Shikha Jain