

Acknowledgement

It is a great opportunity on my part to extend my inner emotion of gratefulness to Dr. (Mrs.) Rita Mahanta, Selection Grade Lecturer, Department of Zoology, Cotton College, Suwahati, for her keen guidance, diligent supervision, ardent efforts and valuable suggestions throughout the entire period of the study. I shall remain ever grateful to her for her enthusiastic encouragement that kept me inspiring and galvanizing all through my study.

My heartfelt gratitude goes to Prof. Dr. (Mrs.) Aparajita Borkotoki, Department of Zoology, Sauhuti University, for her precious guidance, constructive ideas, generous support, extensive interest and helpful suggestions in this work.

I shall be ever grateful to Dr. R. K. Mahanta, M.D., Asstt. Prof. Biochemistry, Sauhuti Medical College, whose invaluable suggestions, active involvement and encouragement helped me immensely during the course of study.

I am thankful to Dr. J. Bhattacharyya, Head, Department of Zoology, Cotton College, Suwahati, for his kind co-operation.

I must acknowledge considerable debt to my parents Mr. Babanya K. Lahkar, Mrs. Manorama Lahkar, sister Barnali and brother Dr. Abhijit for their encouragement, wise suggestion, timely help and necessary co-operation and having faith on me throughout my work.

I eternally indebted to my husband Mr. Deep Narayan Poddar without whose active support and understanding it would have been a distant dream.
to complete this piece of work in time.

It is a pleasure for me to acknowledge Dr. Promod Kumar Sharma, Chairman and Managing Director of Pratiksha – Fertility – IVF and Genetic Clinic — A unit of Reproductive Research Centre Pvt. Ltd for his co-operation and help at the time of needs.

My affectionate acknowledgement goes to Dr. (Mrs.) Ronika Barua for her amiable help in taking the Histopathological photographs.

My acknowledgement also goes to my friends Mr. Mridul, Santanu, Kalyan, Dr. Manjushree and Monalisha.

Last but not the least I wish to express my deep sense of thanks to Mr. Uttam Pradhan, Mr's Pradhan Offsets Press, for his dedicated and keen interest in printing and bringing out the thesis in time and in a magnificent shape.

14th March, 2005

(Kabita Lakkar)