

# Acknowledgement

---

*I would like to thank God who made my destiny adorned with this opportunity and kept me always with favourable time, people, money, health and climate to finish my work.*

*My cordially thanks to my MOM, without her support and prayers this entire story was not possible. Mom I love you forever, May God bless you.*

*I express my sincere sense of gratitude to former Guide Prof. P. V. Patel for his valuable guidance, unconditional support, and constructive criticism throughout the tenure of the research work.*

*I would like to express my deepest gratefulness to my guide Prof. B. Suresh, for his excellent guidance, patience and providing me with an exceptional atmosphere for doing research.*

*I express my special thanks to Dr. Gowri Uggini for her time, help and patience.*

*Sincere thanks to Head, Department of Zoology, Faculty of Science for showing his support and allowing me to avail department facilities from time to time.*

*Special thanks to all my labmates - Pranav, Shailja, Hiral, Isha, Shweta, Urja, Shashikant - for all their support and time.*

*I am deeply thankful to Sonam Patel for her help and time.*

*I am thankful to non-teaching staff for their kind help, respect and co-operation.*

*Sincere thanks to Dr. F. P. Savaliya, Principal Scientist & Head, Poultry Complex, Veterinary College, Anand Agricultural University, Anand for giving me permission to use the departmental facilities.*

*I express my special thanks to Dr. Jignesh R Dave, Deputy Director (A.H) IPDB, Vadodara for his support, guidance, encouragement and time.*

*My deepest sense of gratitude to Mr. Anand Kumar Sharma for his encouragement, interest and personalized support in my work.*

*I am indebted to Mr. Sunny Luhar for all his support, help, teaching and time.*

*I would love to thank Murtaza Mahdi Khan (MUZA) and Asgar Abbas for their innocent wishes and prayers.*

*I thank Tahmeena for her support, love and prayers.*

*I would like to thank my hostel mates Lata, Heena, Tejal, and Neeta for their cooperation, support and patience with me.*

*I would also like to thank my parents and siblings. They were always supporting me and encouraging me with their best wishes.*

*I proudly dedicate my thesis to my Parents.*

*Asiya Khan*