

## **Acknowledgement**

**I wish to express my deep sense of gratitude to Prof. (Dr). M. Daniel, Head, Department of Botany, The Maharaja Sayajirao University of Baroda, Vadodara, under whose personal supervision and guidance this investigation was conducted. I am very grateful to him for constant support, encouragement and valuable suggestion which he gave me at every stage of my Ph. D, it is his encouragement and guidance that made it possible for me to finish this study successfully. I thank him for all the help and support and feel proud to be one of his Ph. D student.**

**My heartfelt gratitude goes to Prof. (Dr). C. V. Ramachandran, Dean, Faculty of Science, who gave me permission to work with in zoology department for my pharmacological studies and facilitating me greatly by providing adequate equipments and infrastructure for my studies.**

**I am greatly thankful to Dr. Suresh, Department of zoology, who continuously motivated and helped me, he really took trouble to suggest the different ways to proceed in the correct direction that resulted in making me more confident.**

**I also extend my sincere thanks to The Maharaja Sayajirao University of Baroda for financial assistance in the form of University Research Scholarship throughout my study.**

**My sincere thanks to Torrent Pharmaceuticals, Ahemadabad for providing me experimental animals on time.**

**My sincere thanks to Dr. Susy Albert, Lecturer, Department of Botany who has given me sufficient advice, guidance and help during the micromorphological and anatomical studies.**

**I would also like to thank all the teaching and non-teaching staffs in the Botany Department for their encouragement.**

**I am also very grateful to Rakdhim, Sudeep and Prem who helped me a lot during my clinical trials in the zoology department.**

**I would like to specially acknowledge Priyanka from Zoology department who had helped me in so many ways and there are no words to say more.**

**Thanks would be a very small word to express the kind of support and help, that my friends- Leena, Elizabeth, Soshina, Jisha, Mahima, Sally kuttty, Bratati, Niraj and Smitha provided they were the back force to me.**

**I cannot forget to mention the obligation of Dipa, Anamika, Denny, Amit and all my lab mates whose presence was like background music ; the presence is so obvious that you do not realize their existence but definitely their absence make a lot of difference, it was all of their friendly behaviour and affection that made the environment very comfortable for me to work.**

**Special thanks to the incredible Ph. D students group at the department for the friendship during the years.**

**My appreciation goes to all those good friends that I have came to know during these years, and whose names are not mentioned here but will always be considered.**

**The page would be incomplete without mentioning the name of Srini Sir and his family for their constant support, help and suggestion through out my work. He was always an ever dependable person. I sincerely thank them for all the noble endeavors.**

**A life long thanks for a sweet and special person “Ranjith” for his constant support, help and encouragement, both during the course of my work and in my life for being with me believing me, understanding me and for being my loving husband. Another thesis is needed to express his virtues hence.....**

**I am expressing my heartfelt thanks to my parents, my brother Rakesh , especially my father who has always encouraged me and giving me confidence in all my ups and downs. I would also thank my in-laws my sister Jijimol and all my other relatives and well wishers. There are no words to express my feeling for them. They**

**are the real strength behind me. I know where ever I go their kind support will be always with me.**

**And I thank god for bestowing me with such wonderful parents, husband, brother, sister, in-laws and friends and the scientific aptitude for completing my research work.**

**Remya Ranjith**