ACKNOWLEDGEMENT

First and foremost, I owe it all to Almighty God for bestowing me with the strength, sincerity and devotion to carry out the project.

An emotional sense of gratitude from the deepest layers of my heart flows to the lotus feet of my revered guide Dr. Mamta B. Shah, Associate Professor and Head, Department of Pharmacognosy, L. M. College of Pharmacy, Ahmedabad without whose unceasing guidance and encouragement, my journey to find out something new would not have been culminated timely, effectively and successfully.

I avail this opportunity to express my deepest sense of gratitude to Dr. M. C. Gohel, Ex-Principal, L. M. College of Pharmacy and Dr. M.T. Chhabria, Principal, L. M. College of Pharmacy for providing necessary facilities and infrastructure for my work and extending their helping hand whenever needed.

I hearty express my deepest thanks to Dr. Aeshna Amin, Senior Research Fellow, Loyola Centre for Research for helping me in analytical work.

I am very much grateful to Dr. Arvind Dhanus, Assistant Professor, National Institute of Siddha, Chennai and Dr. B. K. Kapahi, Retired Taxonomist, IIIM, Jammu for making available the plant materials from remote areas of India.

Finally this thesis would not have been possible without the confidence, endurance and support of my family. My parents have always been a source of inspiration and encouragement. And how can I forget my beloved better half, Mr. Darshit Mehta who unceasingly channelized my energies by ever vigilant support to me. I am definitely short of words to express my gratefulness to him.

Last but not least I express my gratitude and apologize to everyone whose contributions, I could not write in this thesis.

August, 2017

Modi Karunaben Prafullabhai