Acknowledgement

— With a bowed Head to the Almighty,
With folded Hands to Revered Teachers, and
A warm Heart to Good Friends...........

This work is the result of combined effort of a good number of people who include researchers, academicians, friends, colleagues and above all the patients who cooperated with us in all aspects.

I express my hearty gratitude with profound respect to my guide Professor Badri Prasad Shaw, M.D (Ay.), PhD. Ex-Professor, Head, Department of Kayachikitsa, Institute of Post Graduate Ayurvedic Education and Research at SVSP Hospital, for his indefatigable and indefeasible guidance.

I would like to express my sincere and deepest gratitude to my co-guide, the dynamic paragon Professor Subha Sen, D.Sc, Ex- Professor, Head, Department of Chemistry, University College of Science and Technology, University of Calcutta, for her whole sole supervision.

I extend my sincere respect to Professor Biswaspati Mukherjee, Ex-Director, SN Pradhan for Neurosciences, Dr. B.C. Roy PG Institute of Basic Medical Sciences, University of Calcutta, suggestions, motivation, inspiration and kind cooperation with effective advices.

I express my deep sense of gratitude to Professor Dipankar Bhattacharyya, Ex-Professor, Head, Department of Pharmacology, Institute of Post Graduate Medical Education and Research, at SSKM Hospital for doing permission of extensive pharmacological experiment.

The inspiring forces throughout the research work; was my respected Late Professor Pratip Kumar Debnath the person who has devoted his life for the research and up-liftmen of this ancient system of medicine. He became a source of light whenever I was in darkness, which provided necessary fuel for my innovative thoughts. I am deeply indebted for his guidance.

I am very much thankful to Dr. Tuhin kanti Biswas, Head, Department of Kayachikitsa, J.B.Roy State Ayurvedic Medical College and Hospital, Kolkata. He is main architects of my research career and also friend, guide and philosopher.

I would like to thanks to Dr. Tapas Kumar Sur, M.Sc, PhD. whose guidance with accuracy and commitment towards research has helped me a lot from the very beginning to the end of this work.
I offer my heartfelt thanks to Dr. Pradyot Bikash Kar Mahapatra, Officer-in-Charge (Ayurveda), West Bengal University of Health Sciences for his continuous inspiration and moral support to overcome hurdles of my journey in these pieces of research.

I express my thankfulness to beloved Senior Dr. Tapan Seal and friends Dr. Shrabana Chakraborty for encouragement and support by providing all necessary facilities for this research work.

I am very much thankful to Dr. Swapan Kumar Sarker, Ex-Principal- Superintendent, J.B.Roy State Ayurvedic Medical College and Hospital, Kolkata, for their timely help and suggestions during this study.

I express my thankfulness to beloved Principal-Superintendent, Dr. Utpalendu Jana, J.B.Roy State Ayurvedic Medical College and Hospital, Kolkata, for his encouragement and support by providing all necessary facilities for this research work.

I am indebted to Professor Shibnath Ghosal, Advisor Natrion (Inc.) India, Kolkata for his guidance in academic feast in relation to chemical part of research.

I feel extremely thankful to seniors Dr. Alok Hazra, Dr. Somi Ranjan ghosh, Dr. Madhushree Ghosh, Dr. Shivaji Banerjee, Dr. Amit Chakroborty, Ms, Adyashree Dutta, Mrs Sreyashi Sur and others for their valuable suggestions and encouragement.

My sincere thanks are due to scientists of Geological Survey of India, Kolkata for providing me facilities for performing precious chemical analysis.

It is a privilege to convey regards to my wife, Dr. Sweety Pandit, Son Mr. Anubhav Pandit and my family for their loving and caring strong moral support in my difficult times.

Lastly I pay my deepest respect for those patients who took part in the study and I share my success with them.

Place: Kolkata
Date: (Dr. Srikanta Pandit)