This thesis is motivated by the research work done in the field of Information Security management. I have been accompanied and supported by a number of people whose contribution in the development of the research needs a special mention. It is a pleasure to convey my gratitude to them and all in my humble acknowledgements.

“The Teacher Guides the Light to the Disciple”

In the first place, I pay my heartfelt gratitude to Prof. Aditya Shastriji, Vice – Chancellor, Banasthali Vidyapith. He had given me the sincere opportunity for doing research in this Institution. It is really a great pleasure for me. I sincerely acknowledge my deepest sense of gratitude to Prof. Chitra Purohit, President Banasthali Vidyapith.

I pay my deepest gratitude to my Supervisor, Dr. Seema Verma, for her supervision, advice and guidance from the very early stage of this research as well as giving me the insight of her research experience throughout the work. I have been in her able guidance since 2009 when she inspired me to start the work and publish two research papers in reputed journals. At the time of difficulty, she stood like an icon and provided me with unflinching encouragement and support in various ways. Her immense knowledge and versatile experience has been an oasis of ideas and innovation in the field of Electronics and its application in the field of Information Technology. During these years, I have known her as an enthusiast and principle- centred person who had constantly encouraged me to do “Only High Quality Work and Not -Less”. Truly, she has left an impact on me. Her endless support, patience and positive criticism have been precious during the years.

I would remain indebted to her for her genuine guidance, affection and assistance whenever I was stuck in a problem. Her bird’s eye observation and her constant
motivation towards doing a good investigation and preparation of the manuscript have been very fruitful to me in completing my work. Thank you ma’am for keeping an eye on my progress!

Nothing worthwhile can be achieved without the blessings of Parents and Guru. My special Thanks to my Ma, Smt. Sujata Singh and Father, Sri Sudhir Kr. Singh who are the guiding light and has always encouraged me to learn, have patience in life and constantly pursue my dreams. I would also like to acknowledge the efforts and sacrifice put by my husband, Mr. Bhushan Singh, my son Arya Vikram and my daughter Vasudha, who always motivated me to complete my research. I convey my sincere regards and acknowledgement to Ms. Deepkiran for constant motivation. I would also like to thank everybody who has played an important role in the completion of this thesis.

(Tanya Singh)