Acknowledgements

Having surmounted all the difficulties and reaching the share of completing the work of this dissertation, I am feeling the limitation of language and words while acknowledging thanks to all those who helped me in voyage. It is with great pleasure and deep sense of gratitude that I acknowledge my debt to my honorable guide Dr. J.M Vyas Director General, Gujarat forensic Science University and Director, Directorate of Forensic Science Laboratory, Gandhinagar for his affectionate guidance, meticulous attention, keen interest with which he has provided me the suggestions, knowledge and support to construct this work. His constant motivation, patience and valuable suggestions have immensely benefited me and without that it would have been impossible to complete this thesis. I owe hearfelt thanks and reverence to my honorable guide and mentor. His unflinching courage and conviction will always inspire me, and I would like to continue to work with his noble thoughts.

I am immensely grateful to Dr. M.S. Dahiya, Director, Institute of Forensic Science, Gujarat Forensic Sciences University for permitting me to carry out this work in this institute.

I am extremely thankful to Shri Mehul Dave (-Registrar) and Shri G.T. Chavda (Registrar) for providing all the support I needed to complete my research work.

I am indebted to Dr. Y.K Agrawal, Director, Institute of Research and Development, Gujarat Forensic Sciences University for his remarkable insight and expert guidance for the successful completion of my research work. He had developed in me the ability to think both critically and creatively.

I express my sincere gratitude to Dr. S.L. Vaya, (Retd) Director of Institute of Behavioural Sciences, Gujarat Forensic Sciences University for giving unending moral support and guidance to meticulously complete my work.
I am extremely thankful to Shree P.C. Thakur IG, Prison Cell, Sabarmati Jail, Ahmedabad for permitting me to take finger and palmar prints of the Criminals in the jail.

I owe my obligation to Shri. M.N. Joshi Retd Assistant Director & Shri. Anil Kumar, Assistant Director, Fingerprint Division, Directorate of Forensic Science Laboratory, Gandhinagar, for his invaluable support, guidance and encouragement during this work.

I am extremely thankful to Shree Rathore trustee of Kailashdham Vrudhashram and Shree Rajesh Bhatt of Krishna Vrudhashram for permitting me take fingerprints of the different age people.

I am very grateful to Mr. Prasad for helping me in statistical analysis of the work. I am also thankful to my students Mr. Varun, Mr. Saurabh, Mr. Neelkanth, Mr. Dushyant, Mr. Aditya and Mr. Prakash for their kind support in sample collection during this work.

I express my sincere thanks to and all the staff members of Institute of Forensic Science for their whole hearted support, guidance, suggestions and cooperation during this work.

I am also thankful to all the members of the Fingerprint Division, Directorate of Forensic Science, Gandhinagar, for all their support during the analysis of fingerprints.

I am also extremely grateful to my friends Ms. Kajal Singh, Mr. Jasmeen Shah and Mr. Nayan Dave for their never ending support for boosting my moral.

My heartfelt gratitude to my husband without whose understanding and support it would have been impossible to complete this work. I am specially obligated and thankful to my family members and my son Om for incalculable cooperation during the whole work. Last but not the least, I would like to thank all criminals and subjects who were the backbone of this study without them the study would not have been possible.