ACKNOWLEDGEMENT

The research study opted by me and this thesis-report would not have been possible to accomplish without the valuable contributions of my well-wishers and supporters. Perhaps, this is a place to take a moment to acknowledge and to express my deepest appreciation to all those who provided me the possibility to complete this Ph.D. research study in all manner.

Firstly, I wish to express my hearty and sincere gratitude to my Guide, advisor and mentor Prof. Rameshchandra G. Kothari, Former Dean of The Faculty of Education and Psychology, The Maharaja Sayajirao University of Baroda and Former Vice Chancellor of Veer Narmad South Gujarat University, Surat for his continuous support for my Ph. D. research study as well his patience, motivation, immense knowledge and his contribution in stimulating suggestions and encouragement helped me to manage in all the time of research and writing this thesis.

Beside my guide, I would like to thank Prof. R. C. Patel, Head & Dean at Faculty of Education and Psychology as well Prof. S. C. Panigrahi, Former Head of The Department of Education, Faculty of Education and Psychology, The Maharaja Sayajirao University of Baroda for their inspirational support, eveready help and providing necessary ambiance throughout my research work. Also I express my deep thanks to Prof. Harsha Patadia, Former Professor in department of Education for her motivational guidance and support during the beginning years of my research study.

Furthermore, I would also like to acknowledge with much appreciation for the crucial role of all my respected Faculty Members of the Department of Education – CASE, Faculty of Education and Psychology, The Maharaja Sayajirao University of Baroda, who have made critical and precious comments as well suggestions to shape and sharpen my thoughts towards my research study.

My sincere thanks also go to Shri. Kuldip Kumar Gupta, Principal, Kendriya Vidyalaya-4 ONGC, Vadodara and Shri. Sharatchandra Mathur, Principal, Urmi School, Vadodara for their permission to conduct necessities of the research study and providing all kind of essentials needed for the study. I am very much thankful to the Mathematics teachers of these schools as Shri. Arun Kumar Singh and Shri. Deepak Patil whose constant support helped to complete my targets of the research study without any much hurdles. Also I am thankful to other teachers of both the schools and nonteaching staff members whoever helped me directly or indirectly to achieve the goals of my research work.

I express my special thanks to the Librarians of CASE - Library and Smt. Hansa Mehta Library as well as all the non-teaching staff members for their caring and co-operative nature helped me to fulfill the objectives of my research study effortlessly.

Well, my warm thanks to my friends Shalini Varandani and Dr. Arti Bhatti for their constant motivation and the nature of eveready to help in my research study. I extend my word of thanks to Dr. Kadem Srinivas as well Dr. Brijesh Darji for their gentle care and concern during my research study from the beginning. Also I would like to acknowledge all my other research fellows and thanking to Pinkal, Meghavi, Jaylakshmi, Asit, Paparaidu, Ravi for their encouraging support and suggestions throughout my research work.

Without the blessings of my parents Smt. Sunita Shivdas Bhagwat and Late Shri. Shivdas Govindrao Bhagwat as well the support from my siblings Mr. Atul Bhagwat and Miss Varsha Bhagwat, this research study work would not be at all possible to conduct and to complete. My deepest gratitude to my Parents for keeping faith in me and patiently standing behind me with their unconditional love and care at all the moments of this research work.

Finally, I would like to express my sincere appreciativeness to all those whoever have directly or indirectly guided, motivated and supported me in doing my research study-work till to finish it successfully.

Thanking All.

Vadodara August, 2016 Ms. Mínaxí Shívdas Bhagwat Researcher