ACKNOWLEDGEMENT

I express my sincere and deep gratitude to my supervisor Dr. Vanisha Nambiar, Associate Professor, Department of Foods and Nutrition, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat for her inspiring guidance, constant interest, congenial discussions and help in the fulfillment of this academic endeavor.

I sincerely thank my co-supervisor Dr. Umesh Kapil, Professor, Department of Gastroenterology and Human Nutrition, All India Institute of Medical Sciences, New Delhi for his meticulous guidance, suggestions, constant encouragement during the course of this study and for helping me in fulfilling this academic endeavor.

I am thankful to Prof. Uma Iyer, Head Department of Foods and Nutrition, Dean, Faculty of Family and Community Sciences, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat for her support.

I acknowledge the partial financial assistance provided by the Indian Council of Medical Research, New Delhi for conducting this study.

I would like to acknowledge the most valuable help extended by Government of Uttarakhand, for all the cooperation and support.

I sincerely thank the technical staff of Department of Gastroenterology and Human Nutrition, All India Institute of Medical Sciences, New Delhi for providing assistance in undertaking the biochemical analysis.

I extend my thanks to all my colleagues (Mrs. Preetika Khenduja, Ms. Nighat Yaseen Sofi, Mr. Gajendra and Mr. Neeraj Negi) for their moral support and help rendered during the course of the study. I would like to sincerely thank Mr. Kuber Singh Routela for his constant support and encouragement.

I extend my special thanks to all the pregnant mothers, school age children, adolescent girls and community people who consented to participate in the study.
I would like to thank Dr. Longvah, National Institute of Nutrition, Hyderabad for all his co-operation in undertaking the estimations of iodine content in food samples.

I duly acknowledge Mr. Ashish Upadhaya, Senior Scientist, Department of Bio-Statistics, All India Institute of Medical Sciences for the help rendered in the statistical analysis of the study.

I owe a special debt of heartfelt gratitude to my best friend Palna Patel who had always been caring, supportive and had helped me to face all the difficulties with a positive approach.

My special thanks to my friends Sanya Verma, Sachin Shirol, Kunal Kakkar, Neha Gupta, Ritu Rana, Sahib Singh, Kunal Mehra, Karandeep Singh, Richa Sharma, Nidhi Jaggi, Ritasha Bhasin for all their support and encouragement.

My thanks to Dr. Rujuta Desai, Mrs. Vineeta, Ms. Chitra, and my other friends for their constant support and guidance and help throughout the work.

Last but not the least, I thank my parents, brother, sister, bother-in-law, my cute little niece, maternal and paternal side for their everlasting support and affection during the course of the study.

Kudos to my pet (Jerry)!! For being my stress buster.

I bow to the almighty for blessing me and directing me in life. The spiritual power within me helped me stay sane and fight all the obstacles.

NEHA SAREEN
MARCH, 2016