Acknowledgment

I express my heartfelt & sincere thanks to my affectionate & honorable guide Dr. M. N. Dabhi, Research Engineer, AICRP on Post Harvest Engineering and Technology, Department of Processing and Food Engineering, College of Agricultural Engineering and Technology, Junagadh Agricultural University, Junagadh for impeccable guidance, constant endeavour, incessant encouragement, unceasing interest, judicial supervision & constructive criticism throughout the course of investigation leading to surmount this task to a successful completion. His illuminating guidance, unfailing encouragement, scholarly suggestions, sympathetic attitudes, amiable behavior & keen interest throughout the course of this investigation & preparation of the manuscript cannot be expressed in the words.

I am thankful to my minor advisor Dr. P. J. Rathod, Assistant Professor, Department of Biochemistry, JAU, Junagadh. His valuable criticism and his constant encouragement were very much helpful during entire project.

Words won’t be enough to express my gratitude to Prof. D. M. Vyas, Professor and Head, PFE Department, CAET, JAU, Junagadh for his valuable guidance. Dr. N. K. Dhamasaniya continually encouraged me to get best work out of me. Positive comments from Dr. V. P. Sangani and Dr. N. K. Mistry were always helpful throughout my project work. Dr. P. R. Davara helped at each and every moment of my project work to let it be work of flawless continuity.

I acknowledge with thanks to Dr. A. R. Pathak, Honorable Vice-chancellor, JAU, Junagadh and Dr. V. P. Chovatiya, Director of Research & Dean P.G. Studies JAU, Junagadh, for providing necessary facilities for conducting the research work.

I also express my sincere thanks and respect to Dr. N. K, Gontia, Principal and Dean, CAET, JAU, Junagadh for providing necessary facilities and help during experimental work.

I am thankful to Prof. D. K. Antala and Dr. S. P. Cholera for his valuable help. I am thankful to all the staff members of PFE Department, JAU, Junagadh for their continuous help and happy go approach during the course of the study.
I am also thanking to project machine fabricator Hitesh Bhai and Vishal Kyava, for their valuable help. I am also thankful to Jeymin Sir, Khyati Madam, Umesh Sir, Vijay Bhai, Radhika Madam, Nikuj Bhai, Samir Bhai, Kishan Bhai for their guidance and help during biochemical analysis.

I wish to express my deepest gratitude to my friends Viraj, Rohit, Sagar, Kunal, Nagesh, Suhas, Suraj, Anant, Datta for their co-operation throughout my post graduate study. My seniors Mahesh jadhav, Pankaj Wadskar, Sagar Chorrmule, Vinayak Shinde, Sarika Wandre, Abhinandan Patil, Sandip Patil, Sachin Dhandage and Arun Amale were always there to encourage me throughout the work. As well as juniors were always there as helpful hand and sweet smiles. Also thanks to my classmates and juniors for their valuable help during project work. Also thanking, last but not least our department peon Kishor bhai, who was always there for help.

Diction is not enough to express my gratitude to my beloved family for selfless love as they put me as their foremost priority during entire life.

One last word; since it is practically impossible to list all the names who contributed to my work, it seems proper to issue a blanket of thanks for those who helped me directly or indirectly during the course of study.

Place: Junagadh

Shelake Pramod Shivaji

Date: .06.2017