I feel immense pleasure in expressing my deep profound gratitude and indebtedness to my honorable, dynamic, dedicated, kind hearted and enthusiastic guide Dr. D.N. Kulkarni, Professor and Head, Dept. of Food Science and Technology, Marathwada Agricultural University, Parbhani. I must mention special thanks for his valuable guidance, constant encouragement and concise suggestions in completion of this research work. I am also grateful to him from the core of heart for his keen interest and critical review in examining the manuscript of the dissertation inspite of his heavy engagements.

It is my profound pleasure to wishfully record the indebtedness towards Hon. Vice-chancellor and Registrar, Marathwada Agricultural University, Parbhani for giving me permission to do Ph.D. research work.

I am also thankful to The Associate Dean and Principal, College of Agricultural Engineering and College of Agricultural Technology for providing the facilities to carry out the Ph.D. research work. I am thankful to the staff of Department of Agricultural Processing Engineering who helped me in the laboratory while performing this research work.

The words are not enough to express my profound gratitude, sentiments and love to my beloved father, wife, son, daughter and in laws who gave me never ending encouragement and all kinds of support for enabling me to reach up to this landmark.
My high appreciation and thanks are to Mr. Gajanan Samindre for his patience in giving me mistake free and well computer typed manuscript of this dissertation.

Parbhani

Date 29.6.04

(Suresh B. Soni)