ACKNOWLEDGEMENT

The author wishes to express his sincere gratitude to Dr. P.B. Kale, Professor of Horticulture, College of Horticulture, Dr. P.D.K.V., Akola for his constant supervision and guidance in carrying out this research work. His critical evaluation at different stages of the work and constructive suggestions went a long way in bringing the thesis to this shape.

The author acknowledges with immense pleasure the encouragement and facilities provided by Prof. R.S. Bonde, Director of Research, Dr. L.V. Kulwal, Head Deptt. of Horticulture and Prof. S.B. Umale, Ex-Professor of Horticulture, Dr. P.D.K.V., Akola.

The author expresses his indebtedness to the Hon’ble Vice-Chancellor Shri Deshmukh, and Dr. Vandam Mohod Registrar, Shri C.D. Deshmukh, Deputy Registrar (Academic) of Amravati University for giving admission and solving of the administrative difficulties time to time. She also acknowledges the inspiration provided by Shri. B.S. Deshmukh, former Principal and Shri N.W. Deshmukh, present Principal of Shri Shivaji Science, Arts and Commerce College, Akola.

The author expresses her gratefulness to Shri D.S. Kharche, Head and Shri R.T. Kaushal, Asstt. Prof. of Agricultural Processing Engineering, Dr. V.N. Madansure, Head, Deptt. of Electrical and Other Energy Sources and Shri A.B. Kadu, Asso. Prof. of Dairy and Food Engineering, Shri P.D. Deshmukh, Asstt. Prof. and Dr. Gandhiprasad, Asso. Prof. of Statistics and Economics of Dr. P.D.K.V., Akola for their help in data processing and valuable suggestions.

The author is highly grateful to the members of the Sensory evaluation panel for their active participation and suggestions during the course of study, Dr. L.V. Kulwal, Prof. S.B. Umale, Dr. V.K. Mahurkar, Dr. V.S. Gonge, Dr. A.B. Kubade, Dr. P.B.
Kale, Dr. C.N. Gangde Dr. P.D.K.V., Akola and Vinaya Madane, Shri Shivaji College, Akola and Dr. R.V. Wankhade, Dr. V.N. Dhod, P.V. Deshmukh, G.R. Atal, Y.M. Khan and Y.D. Dhandale for their help in preparation of the thesis.

Sincere thanks are due to Shri Pradip Lande, M.S. Ingale, Shri Bute, Shri Sontakke for their assistance in instrumentation and in conducting experiments, Shri N.D. Kharche and R.S. Patode for making Computer programmes, data analysis and typing of the manuscripts and Dr. Neela Saraf, Dr. V.B. Rane, prof. D.G. Bhadange, Sunanda Kawale, of Shivaji Science College, Akola for their constant encouragement during the course of study.

The author owes a great deal of love to her loving parents, Ad. A.Y. Lande and Mrs. K.A. Lande for their blessings and moral support throughout the course of this research work. A separate word of thanks is due to her husband Mr. S.M. Taley for his full co-operation and inspiration during the period of study and preparation of the thesis. The author is also indebted to her daughter Samidha and Son Master Sagar who must have missed the affection of their mother during this period.

(REKHA AJABRAO LANDE
NEE REKHA SUBHASH TALEY)