

ACKNOWLEDGEMENTS

I am deeply indebted to Prof. S.T. Tilak, Retd. Professor and Head, Department of Botany, Marathwada University, Aurangabad, under whose guidance and encouragement I had an opportunity to work. Inspite of his various engagements he evinced great interest in my work, and I shall remain ever grateful for his inspiring guidance, valuable advice and it is because of his unfailing efforts that this work has been brought to completion. I am also grateful to Dr. B.N. Pande, Reader in Environmental Sciences, Department of Botany, Marathwada University, Aurangabad, who critically read the rough draft and made valuable suggestions and necessary corrections. I am very much grateful to Dr. S.B. Jogdand and Dr. K.S. Ramchander Rao for their kind help to me.

I am deeply thankful to Prof. B.H. Mogal, Associate Dean, Prof. B.M. Patil, Engineering Section, Shri S.B. Patil, Farm Superintendent, Agricultural College, Dhule, for making every facility available to me in the Campus of Agricultural College, Dhule, during the period 1985-87.

I shall ever remain grateful to all the members of management of S.S.V.P. Sanstha's Late Karmveer Dr. P.R. Ghogrey, Science College, Dhule, and to Principal B.M. Patil for granting me the permission to utilize the laboratory facilities.
I sincerely express my deep sense of gratitude to Prof. V.C. Vaghmare, Head of the Department of Botany and my academic patron, whose able support I always cherished.

I take this opportunity to thank all my colleagues in the department and to Prof. D.D. Bhadane, Prof. M.T. Bhadane and Prof. B.D. Patil, especially for their constant encouragement.

My grateful thanks are also due to Shri Aniruddha Kulkarni of Aniket Typewriting Institute, Dhule, and Shri M.S. Muraleedharan, Aurangabad, for typing the manuscript very critically and carefully.

Lastly, I thank my family members for rendering me their full support, and bearing with me in all kinds of situations during the course of my research work.