

STATEMENT-I

The present investigation deals with physiological studies in some tree species found around Shivaji University Campus. So far, not much attention has been paid to study the physiology of long duration and big plants, trees, particularly in India. The chlorophyll content, distribution of various carbohydrates, soluble proteins and proline contents, nitrate reduction process and phenolic composition of various parts of tree species have been only rarely attempted. Therefore, present work is original one. Further, this work has not been previously submitted for the award of any degree or diploma of any institute.



(Dr. B. A. Karadge)

Guide



(Mr. V. P. Patil)

Candidate

STATEMENT-II

The present work can be regarded as a new and separate line of the work on physiology of perennial plants, tree species. Present investigation reports new findings. The sources, from which the information for the dissertation is gathered, have been listed in the Bibliography. The current journals, reviews, books and monographs have been extensively referred during the course of investigation. Every attempt has been made to keep the reference work as upto date as possible.



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