STATEMENT I

Caesalpinia crista L. is one of the economically important legumes growing in estuarine area. So far, not much attention has been paid to the ecophysiological mechanisum operating in this legume. The present studies mainly deal germination, mineral with the nutrition, organic seed composition. this constituents and Hence work represents an original contribution. At the same time this work can be regarded as extension of the research work on various halophytic plants carried in our laboratory for last several years. This work has not been previously submitted for the award of any degree in any institute.

DR. P.D. CHAVAN, GUIDE.

MISS. M.M. PATWARDHAN

Candidate

STATEMENT II

The Present investigation is devoted to ecophysiological studies of <u>Caesalpinia crista</u> L., a leguminous halophyte. The source from which the information 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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