

C E R T I F I C A T E

This is to certify that the dissertation entitled "DESCRIPTIVE STATISTICS FOR STATISTICAL MODELS" which is being submitted by Miss. Swati Madhukar Kumbhar as the partial fulfilment for the award of M.Phil. degree in Statistics of Shivaji University, Kolhapur under the faculty of Science is a record of bonafide work carried out by her under my supervision and guidance.

To the best of my knowledge the matter presented in the dissertation has not been submitted earlier.

Date : 30/06/98

Place : Kolhapur

Rattihalli

Dr. R. N. Rattihalli

Guide

The matter presented in this dissertation has not been submitted by me elsewhere for the award of any degree.

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