

CERTIFICATE

This is to certify that the dissertation entitled

'ON FRACTIONAL FACTORIAL DESIGNS '

which is being submitted by Ms. Patil Sarita. H., as a partial fulfillment for the award of the Degree of Master of Philosophy 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.

Place : Kolhapur.

Date : June, 19, 2003

Dr. Mrs. H. V. Kulkarni

Guide

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