

C E R T I F I C A T E

I certify that, the dissertation entitled by, 'FACTORIAL DESIGNS' which is being submitted by SHRI. N.K. HIPPARAKAR for the award of degree of Master of Philosophy in Statistics of Shivaji University, Kolhapur under the faculty of Science, is a record of work carried out by him under my guidance.

R. Rattihalli
Research Guide

(DR. R.N. RATTIHALLI)
DEPT. OF STATISTICS,
SHIVAJI UNIVERSITY,
KOLHAPUR.

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

N.K. Hipparkar
(SHRI. N.K. HIPPARAKAR)