Dr. R.N.Rattihalli Reader Department of Statistics Shivaji University KOLHAPUR-416 004.

## CERTIFICATE

I certify that the dissertation entitled
'' Inequalities and their applications '' which
is being submitted by Miss Acharya, S. K. 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 spersupervision and guidance.

The dissertation is well up to the standard both in respect of contents and its literary presentation for being referred to the examiner.

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

Railihau

Date: 11-12-1987 Dr. R. N. Rattihalli
GUIDE