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**C E R T I F I C A T E**

I certify that the dissertation entitled  
" A Study of a Chi-square Distribution with  
Applications to Statistical Inference " which  
is being submitted by Mr. S. B. BIDWE 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 him under my supervision and  
guidance. The dissertation is well up to the  
standard both in respect of contents and it's  
literary presentation for being referred to the  
examiner.

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

Date: 16-5-1988

  
Dr. M.S. PRASAD.  
Guide.