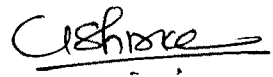


## CERTIFICATE

This is to certify that the dissertation entitled "*ON ZERO INFLATED MODELS*" which is being submitted by Mr. M. K. Patil, 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 him 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 : 1/2/2006

  
Dr. D. T. Shirke  
Guide,  
Department of Statistics, Shivaji  
University, Kolhapur, 4164 004.

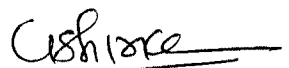
## DECLARATION

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

Place : Kolhapur.  
Date : 1.2.2006

  
M.K. Patil  
P. V. P. Mahavidyalaya, Kavathe Mahankal.

Forwarded through :

  
1/2/2006  
Professor & Head  
Statistics Department  
Shivaji University,  
Kolhapur.