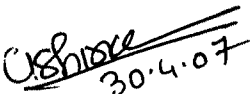


## CERTIFICATE

This is to certify that the dissertation entitled "MARKOV CHAIN MONTE CARLO METHODS AND APPLICATIONS" which is being submitted by Mr. K. G. Potdar, 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 : 30-04-07

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

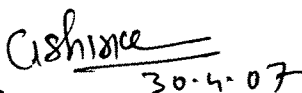
## DECLARATION

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

Place : Kolhapur.  
Date : 30-04-07

  
**K. G. Potdar**

Forwarded through :

  
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