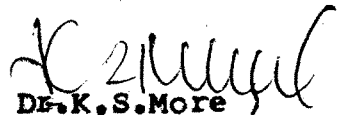


C E R T I F I C A T E

This is to certify that the work incorporated in the dissertation is the bonafide and original research work carried out by Shri H.Y. Karande under my guidance in the University Department of Geography, Shivaji University, Kolhapur.


(Dr. K.S. More)

Research Guide

Department of Geography,
Shivaji University,
Kolhapur 416 004.

Kolhapur

5 / 3 / 1990.