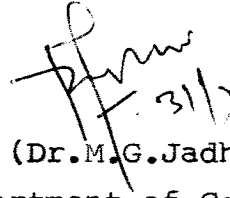


C E R T I F I C A T E

This is to certify that the work incorporated in the present report is bonafide and original research work carried out by Shri P.N. Patil under my supervision in the Department of Geography, Shivaji University, Kolhapur.



(Dr. M.G. Jadhav)

Department of Geography
Shivaji University,
Kolhapur.

Place : Kolhapur

Date : July 31, 1986.