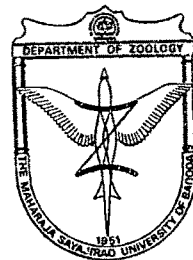


THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA



DEPARTMENT OF ZOOLOGY
FACULTY OF SCIENCE
BARODA-390 002
INDIA




C E R T I F I C A T E

This is to certify that the thesis incorporates the results of independent investigations carried out by the candidate herself in the department of Zoology, M.S. University of Baroda, Baroda.

Smruti S. Desai
Candidate

Smruti S. Desai


Guiding Teacher

Dr. P.M. Ambadkar
Professor and Head
Department of Zoology
Faculty of Science
M.S. University of Baroda
Baroda.