Dr. M. S. Padmini Reader, Department of Education, Shivaji University, Kolhapur (Maharashtra).

CERTIFICATE

I am pleased to certify that SMT. CHHAYA GAJANAN KHANDKE has worked on the problem 'FORMAL OPERATIONAL THINKING ABILITY OF STUDENT-TEACHERS - A STUDY. This dissertation is a record of bonafide research carried out by her for the award of M. Phil. degree under my guidance and supervision and no part of the work has been submitted for any degree earlier.

DATE : 30.12.1998

Padmini · M.S

(Dr. Smt. M. S. Padmini) Research Guide

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