

CENTRE OF ADVANCED STUDY IN EDUCATION  
FACULTY OF EDUCATION AND PSYCHOLOGY  
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA  
VADODARA – 390 002

## CERTIFICATE

This is to certify that the work contained in this thesis entitled Developing And Implementing Instructional Strategy On The Structure Of Observed Learning Outcomes (SOLO) Taxonomy For Mathematics Of Class – IX Submitted by Ms. Minaxi Shivdas Bhagwat To The Maharaja Sayajirao University of Baroda, Vadodara, India for the Degree of Doctor of Philosophy (Ph.D.) in Education is a record of bonafide original research work carried out by her under my supervision and guidance. The results embodied in the same have not been submitted elsewhere for the award of any degree or diploma. It is further stated that the doctoral research was carried out fulfilling the requisite attendance criteria as per D.Ph.D.: 3(i) of The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India. I find it fit for submission and evaluation.

August, 2016  
Vadodara

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