

DEPARTMENT OF EDUCATION [CASE] FACULTY OF EDUCATION & PSYCHOLOGY THE M.S. UNIVERSITY OF BARODA VADODARA-390002

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CERTIFICATE

This is to certify that the work contained in this thesis entitled **"TEACHING SCIENCE TO STANDARD IX CBSE STUDENTS THROUGH VALUE INTEGRATED EXPERIENTIAL LEARNING"** Submitted by **Bibhuti Narayan Biswal** to **The Maharaja Sayajirao University of Baroda, Vadodara, India** for the degree of **Doctor of Philosophy** in **Education** is a record of bonfide research work carried out by him 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 O. Ph. D.: 3 (i) of The Maharaja Sayajirao University of Baroda, Vadodara.

Vadodara

05 March 2019

(Prof. Ashutosh Biswal)