



Department of Education [CASE]
Faculty of Education and Psychology
The Maharaja Sayajirao University of Baroda
Vadodara-390 002
Phone No: 0265 2795516

CERTIFICATE

This is to certify that the work contained in this thesis entitled “**DEVELOPMENT AND IMPLEMENTATION OF A MOOC IN RESEARCH METHODOLOGY FOR STUDENT TEACHER EDUCATORS**” submitted by **Ms. Shama Parveen Ansari** to The Maharaja Sayajirao University of Baroda, Vadodara for the degree of **Doctor of Philosophy (Ph.D.) in Education** is a record of bonafide original research work conducted 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 O. Ph.D.; 2 (iii) of The Maharaja Sayajirao University of Baroda, Vadodara. I find the work fit for submission and evaluation.

Vadodara
August, 2023

Prof. Ashutosh Biswal
Research Guide
Head, Department of Education
Dean, Faculty of Education and Psychology
The Maharaja Sayajirao University of Baroda
Vadodara, Gujarat, India