



Center of Advance Study in Education  
Faculty of Education and Psychology  
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## Certificate

*This is to certify that the work contained in this thesis titled “Effectiveness of Educating Student Teachers on Wholistic Approach to Science Teaching” submitted by Ms. Meghavi H. Bhatia to The Maharaja Sayajirao University of Baroda, Vadodara for the Degree of Doctor of Philosophy in Education is a record of bonafide original research work carried out by her under my guidance and supervision. 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, Gujarat. I find this Thesis fit for submission and evaluation.*

**Prof. D.R. Goel**  
**Guide**

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**Place:** Vadodara, Gujarat, India