

**CENTRE OF ADVANCED STUDIES IN EDUCATION (CASE)**  
**FACULTY OF EDUCATION AND PSYCHOLOGY**  
**THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA**  
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*Certificate*

*This is to certify that the thesis entitled "Developing and Implementing Multimedia Learning Package for Enhancing ICT Skills of Student -Teachers at Secondary Level" submitted by Mr. Pinkal Chaudhari to the Maharaja University of Baroda, Vadodara, Gujarat, India is a record of research work carried out by him for the Degree of Doctor of Philosophy in Education under my Supervision and guidance. The results embodied in the same have not been submitted elsewhere for the award of any degree or diploma and that the thesis represents an independent endeavour on the part of Mr. Pinkal Chaudhari, under my guidance. No portion of this thesis is a reproduction from any other source, published or unpublished without acknowledgement. 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 M S University of Baroda, Vadodara.*

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