



**FACULTY OF TECHNOLOGY AND ENGINEERING
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA
VADODARA**

CERTIFICATE

This is to certify that the thesis entitled "To Study the Physical and Mechanical Properties of Textile Composite's Laminates produced by orienting fabric layers differently" submitted by Sweety A. Agrawal in partial fulfillment of the requirements of the Doctorate Degree in Textile Engineering to The Maharaja Sayajirao University of Baroda, Vadodara, has been carried under my guidance and supervision. This work presented in the form of thesis has not been submitted anywhere for the award of any other degree.

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