

No.: CHL/

## **Department of Chemistry**

**DST-FIST Sponsored Department** 

The Maharaja Sayajirao University of Baroda

Faculty of Science, Vadodara - 390 002, INDIA. 2795552

Date :

## CERTIFICATE

This is to certify that the thesis entitled, "**Physicochemical Properties of Novel Dimeric Cationic Surfactants in Aqueous Solution**" submitted for the award of Ph.D. degree by **Mr. Mahendra Borse** contains original research work done under my supervision and no part of the thesis has been submitted for any other degree.

s. Der

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