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Date: 27 -03-2019

## <u>CERTIFICATE</u>

This is to certify that work presented in the thesis entitled "Synthesis and Modification of Materials Using Various Surfactants", submitted by Ms. Sneha Singh for the award of the degree of Doctor of philosophy in Applied Chemistry, includes the original research work carried out by her under my supervision in the Applied Chemistry Department, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India.

> (Dr. Sanjeev Kumar) Research Supervisor

(Prof. R. C. Tandel)

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