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20<sup>th</sup> February 2020

## **CERTIFICATE**

This is to certify that the thesis entitled "Modification of Exterior Oxidative Debris: Towards The Development of Conventional Catalysts" submitted by Mr. Ravi S. Vithalani to The Maharaja Sayajirao University of Baroda, Vadodara for the award of *Ph.D. degree in Applied Chemistry* incorporates the original research work carried out by him under my supervision.

I further certify that the work has not been submitted either partly or fully elsewhere for the award of any degree.

Dr. Chetan K Modi Guide Head

Applied Chemistry Department

**Dean** Faculty of Tech. & Engg.