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CERTIFICATE

This is to certify that the work presented in the thesis entitled **"Development of Novel Methodologies in Asymmetric Synthesis"** submitted by **Mr. Hitenkumar B. Raval** for the award of the degree of **Doctor of Philosophy in Chemistry** is authentic and original research work carried out by him under my guidance and supervision in the Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara 390002, India.

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