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## **CERTIFICATE**

This is to certify that the work presented in the thesis entitled “**Synthesis, Characterization and Dyeing Performance of Reactive Dyes**” submitted by **Mr Manojkumar Jivanji Patel** for the award of the degree of Doctor of Philosophy in Applied Chemistry is the authentic and original research work carried out by him, under my guidance and supervision in the Applied Chemistry Department, Faculty of Technology and Engineering, the Maharaja Sayajirao University of Baroda, Vadodara-390001, Gujarat, India.

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