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### CERTIFICATE

This is to certify that the work presented in the thesis entitled “**Template Directed Synthesis, Characterization and Applications of II-VI Semiconductor Nanoparticles**” submitted by **Ms. Namrata Dixit** for the award of the degree of **Doctor of philosophy in Chemistry** is the authentic and original research work carried out by her under my guidance and supervision in the Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara-390002, Gujarat, India.

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