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CERTIFICATE

This is to certify that the thesis entitled “**Study of optical, structural and dielectric properties of swift heavy ion irradiated biodegradable polymeric materials**” submitted by **Mr. Gnansagar B. Patel**, for the award of **Doctor of Philosophy** in Physics to The Maharaja Sayajirao University of Baroda, Vadodara includes the original research work carried out by him under my guidance and supervision in Department of Physics. The research work presented in the thesis is original work of the candidate and is worth consideration for the award of above said degree. The results embodied in this thesis have not been submitted to any other university or institute for the award of any degree.

Date: 5th Nov., 2020

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