



CERTIFICATE

This is to certify that the thesis entitled “**Structural And Optical Studies of Cerium Doped Lead Tungstate Nano Phosphor**” that is being submitted by **Mr. Dharmendra V. Tawde** in partial fulfillment for the award of *Doctor of Philosophy* in Physics to the The Maharaja Sayajirao University of Baroda, Vadodara is a record of bonafide work carried out by him under my guidance and supervision.

The 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 or diploma.

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Vadodara, Gujarat, India.

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Signature of Head of Institution

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