



## APPLIED PHYSICS DEPARTMENT

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## CERTIFICATE

This is to certify that the thesis entitled “**Investigations of the Luminescent properties of Rare earth based phosphors**”, which is being submitted by **Nishant Shah**, for the degree of *Doctor of Philosophy in Applied Physics*, has been carried out under my supervision and guidance. The matter presented in this thesis is original and has not been submitted for the award of any other degree or diploma.

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