

DECLARATION

I hereby declare that the thesis entitled "**Study of Optical and Thermoelectric Properties of Rare Earth based Nanosulphides**" which is being submitted for the fulfillment of the requirements for the award of the Degree of **Doctor of Philosophy in Applied Physics** to **The Maharaja Sayajirao University of Baroda**, Vadodara, Gujarat is a record of my own original research work and has not been submitted in part or full to any other University or Institute for the award of any degree or diploma. Due acknowledgement has been cited for the literature that was referred for carrying out the present work.

Place: Vadodara

Date: 18-12-2021



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