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CERTIFICATE

This is to certify that, the thesis entitled, 'Topological Insulating Phase In Some Bulk And Low Dimensional Materials' being submitted to, The Maharaja Sayajirao University of Baroda, Vadodara; by **Raghottam Manoj Sattigeri** for the award of Doctoral degree in Physics. The thesis is a report of original research work and has been carried out by the candidate under my guidance and supervision.

I further certify that, the work has not been submitted either partially or fully to any other University/Institution for the award of any Degree or Diploma.

(Prafulla Kumar Jha)

Supervisor

Place: Vadodara

Date: 09/06/2022