

Professor Prafulla K Jha

Head,

Phone: +91-265-2795329 (O)

: +91-98250 32877 (M)

E-mail: pk.jha-phy@msubaroda.ac.in

: prafullaj@yahoo.com



URL: <http://www.msubaroda.ac.in>

Department of Physics,

Faculty of Science,

The Maharaja Sayajirao

University of Baroda,

Vadodara – 390002,

INDIA

CERTIFICATE BY THE SUPERVISOR

This is to certify that the thesis entitled “**Multiscale Modelling of Two-dimensional Materials for Solar Water Splitting and Hydrogen Storage**” being submitted to The Maharaja Sayajirao University of Baroda, Vadodara by **Chodvadiya Darshilkumar Pravinbhai** for the award of **Doctoral degree in Physics** 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 partly or fully to any other University/Institution for the award of any degree.

Place: Vadodara

Date: 25-09-2023

(Prof. Prafulla Kumar Jha)

Ph.D. Supervisor