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CERTIFICATE BY THE CO-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: Mumbai

Date: 18-09-2023

(Dr. B. Chakraborty)

Co-Supervisor