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CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled “**A Density Functional Theory Investigation on Hydrogen and Oxygen Evolution Reaction of Metal Chalcogenides**” being submitted to The Maharaja Sayajirao University of Baroda, Vadodara for the award of Doctoral degree in Physics is report of bonafied research carried out by **Mrs. Archana Nishant Inamdar**, under my guidance and supervision, in the Department of Applied Physics, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, Vadodara.

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: 16/10/2023

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CERTIFICATE BY THE CO-SUPERVISOR

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Date: 16/10/2023


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(Co-Supervisor)