## Investigation On Binding Affinity Of Biomolecules Over Novel Carbon Nanomaterials

## **A THESIS**

## SUBMITTED TO THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

FOR THE AWARD OF THE DEGREE OF

**Poctor of Philosophy** 

IN

**Physics** 

BY Sourav Kanti Jana



Under the supervision of

Prof. Prafulla K. Jha

Department of Physics, Faculty of Science The Maharaja Sayajirao University of Baroda Vadodara – 390 002, India

October-2023