



APPLIED PHYSICS DEPARTMENT

FACULTY OF TECHNOLOGY AND ENGINEERING

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

VADODARA – 390 001. GUJARAT, INDIA.

DST-FIST & UGC-DRS Sponsored Department

Date: 13-07-2023

CERTIFICATE

This is to certify that the work presented in the thesis entitled “Study of electron induced ionization and other processes for molecules”, submitted by **Ms. Smruti H. Parikh** for the award of degree of **Doctor of Philosophy** in Physics, includes the original research work carried out by her under my supervision in the *Department of Applied Physics, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India.*

Dr. Chetan Limbachiya
Ph.D. supervisor and Head,
Department of Applied Physics,
The Maharaja Sayajirao University of Baroda

Prof. Dhanesh Patel
Dean,
Faculty of Technology and Engineering,
The Maharaja Sayajirao University of Baroda

Head
Applied Physics Department
Faculty of Technology & Engineering
The M. S. University of Baroda
Vadodara-390001, Gujarat, India.

Dean
Faculty of Tech. & Engg.
The M. S. University of Baroda.
Vadodara.