**Declaration** 

I, hereby, declare that the content in this thesis entitled "Study of electron induced ionization

and other processes for molecules" is a result of the study carried out by me at the Department

of Applied Physics, Faculty of Technology and Engineering, The Maharaja Sayajirao

University of Baroda, Vadodara, Gujarat, India, under the supervision of Dr. Chetan

Limbachiya.

No part of this thesis has been submitted elsewhere for the award of any other degree.

A Tribulation

Smruti Parikh

Research scholar

Date: 10/07/2023