**CANDIDATE'S STATEMENT** 

I hereby declare that the work incorporated in the present thesis is original

and has not been submitted to any other University/Institution for the award

of a Diploma or Degree. I further declare that the results presented in the

thesis and considerations made therein contribute in general to the

advancement of knowledge behind the underline Physics and their

fundamental properties of two-dimensional metal chalcogenides.

Place: Vadodara

Date: 6/10/2023

(Archana Nishant Inamdar)