## **DECLARATION**

1, Shipra Bhatt (Reg. No. FOS/2089), hereby declare that the work incorporated in present thesis entitled "Out of equilibrium dynamics in polymer near glass transition" is an original work carried out by me under supervision of Dr. Debjani Bagchi. This work has been carried out in Department of Physics, Faculty of Science, The Maharaja Sayajirao University of Baroda. I further declare that this work has not been submitted to any other University /Institution for the award of a diploma or a degree.

KWP

Shipra Bhatt Place : Vadodara Date : 13<sup>th</sup> August 2024