CANDIDATE'S DECLARATION

I hereby declare that the work, which is being presented in the thesis entitled *"Security Enhancement of Multipath TCP by using off path active attacks prevention"* towards the partial fulfillment of the requirement for the award of the degree of **Doctor of Philosophy(Ph.D.)** in **Computer Science & Engineering** submitted in the Department of Computer Science & Engineering, Faculty of Technology & Engineering, The Maharaja Sayajirao University of Baroda, Vadodara (India) is an authentic record of my own work carried out during the period from May 2017 to April 2023, under the guidance of **Dr. Viral Kapadia**, Associate Professor, Department of Computer Science & Engineering, Faculty of Technology & Engineering, and Dy. Director, Computer Centre, The Maharaja Sayajirao University of Baroda, Vadodara (India).

The matter presented in this thesis has not been submitted for the award of any other degree of this or any other Institute by me.

Date: 18|06|2024

Place: Vadodara

(POPAT KHUSHI JAGDISHBHAI)

CERTIFICATE

This is to certify that the above statement made by the candidate is correct to the best of my knowledge and belief.

Date: 18|06|2024

Place: Vadodara

(DR. VIRAL KAPADIA)

Associate Professor,

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