# CANDIDATE'S DECLARATION

I hereby declare that the work, which is being presented in the thesis entitled **"*Memory Management in Real-time Operating System* "** 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 2015 to June 2018, under the guidance of **Dr. Apurva Shah,** Associate Professor, Department of Computer Science & Engineering, Faculty of Technology & Engineering, and Director, Computer Centre, The Maharaja Sayajirao University of Baroda, Vadodara (India).

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

Date:

Place: Vadodara                                           **(SHAH VATSALKUMAR HASMUKHBHAI)**

# CERTIFICATE

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

Date:

Place: Vadodara                                                        **(DR. APURVA SHAH)**

Associate Professor,

Department of Computer Science & Engineering,

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