CANDIDATE'S DECLARATION

I hereby declare that the work, which is being presented in the thesis entitled **"*Scheduling Optimization for Soft Real-Time Single Processor Systems using Swarm Intelligence Techniques*"** towards the partial fulfilment 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 April 2016 to September 2021, under the guidance of **Prof. Apurva Shah,** 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 for the award of any other degree of this or any other Institute by me.

Date:

Place: Vadodara   **(JAY BHIKHALAL TERAIYA)**

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 **(Prof. APURVA SHAH)**

Professor & Head,

Department of Computer Science & Engineering,

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