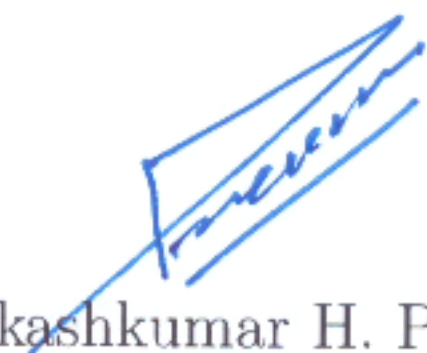


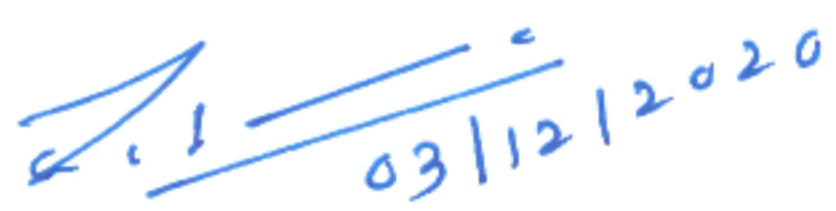
# Declaration

I hereby declare that the matter embodied in this Ph.D. Thesis is the result of the researches carried out by me in the Department of Mathematics, under the guidance of Prof. (Dr.) Haribhai. R. Kataria, Dean, Faculty of Science, Professor of Mathematics, Mathematics Department, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara - 390002. The work is entitled "Existence and Uniqueness of Solution of Fractional Order Differential Equations" is to the best of my knowledge and belief, original and is carried out by me. The books and articles, which I have referred are acknowledged at the respective places in the thesis. This thesis is submitted to The Maharaja Sayajirao University of Baroda, Vadodara, for the degree of Doctor of Philosophy in Mathematics. Further the matter embodied in this thesis has not been submitted previously by anybody for award of any degree to any university.



Prakashkumar H. Patel  
Vadodara, December 2020

Certified by and forwarded through research guide.



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December - 2020