

Existence and Uniqueness of Solution of Fractional
Order Differential Equations.

A Thesis submitted to
The Maharaja Sayajirao University of Baroda,
Vadodara



For the award of degree of Doctor of Philosophy in
Mathematics by

PRAKASHKUMAR HASMUKHBHAI PATEL

Under the guidance of

Prof. (Dr.) HARIBHAI R.KATARIA

Dean, Faculty of Science

Professor of Mathematics, Department of Mathematics

The Maharaja Sayajirao University of Baroda, Vadodara- 390002

December 2020