Declaration

I hereby declare that the matter contined in this Ph. D. Thesis is the outcome of the researches carried out by me in the Department of Mathematics, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara-390-002, under the guidance of Dr. B. I. Dave, Professor, Department of Mathematics, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara-390-002.

To the best of my knowledge and belief, the work presented in the thesis, is original piece of my work. The books and articles, which I have made use of are acknowledged at the appropriate place in the thesis.

This thesis is not submitted for the award of any other degree to this University or to any other University or Institution.

Vadodara, July 2021 (Reshma R. Sanjhira)

Certified by and forwarded through research guide.

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