

DECLARATION

I hereby declare that the thesis entitled "*Mathematical Analysis of Epidemiological Models using Fractional Derivative Operators*", which is being submitted for the fulfillment of the requirements for the award of the degree of Doctor of Philosophy in the Department of Applied Mathematics, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India is a record of my own, original research work and has not been submitted in part or full to any other University or Institute for the award of any degree or diploma. Due acknowledgment has been cited for the literature that was referred for carrying out the present work.



Mr. Anilkumar Bahecharbhai Chavada
Department of Applied Mathematics,
Faculty of Technology and Engineering,
The Maharaja Sayajirao University of Baroda,
Vadodara, 390 001, Gujarat, India.
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