

DECLARATION

I hereby declare that the entire work embodied in this thesis has been carried out by me under the supervision and guidance of **Dr.(Mrs.) Deepa H. Kandpal**, Department of Statistics, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara. I also declare, to the best of my knowledge and belief, in this thesis no material is previously published or written by any other person and has not been submitted to any other university.

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