

## **DECLARATION**

The present thesis is an original study and is based entirely on the work carried out by the researcher under the guidance of Dr. Jayrajsinh D. Jadeja.

The present work has neither been published nor has any degree been awarded to researcher for this work either by this university or by any other university. I hereby also testify that the present work is not based on the work of any other person. In fact, to the best of the researcher's knowledge, there has been no publication or work on this topic.

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