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Certificate

This is to certify that the thesis entitled “**Impact of Urban Sprawl and Land Use/Land Cover Changes on Runoff: A Case Study of Vadodara City**” which is being submitted to The Maharaja Sayajirao University of Baroda in Fulfilment of the Requirement for the Award of Degree of Doctor of Philosophy in Civil Engineering by **Ms. Sumitra D. Sonaliya** written by her under my supervision and guidance. It is original work carried out by her independently. The matter presented in this thesis has not been submitted for the award of any other degree.

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