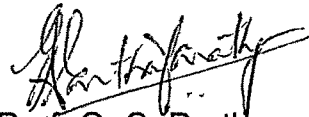
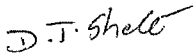


CERTIFICATE

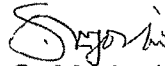
This is to certify that the thesis entitled "Environmental & Socioeconomic Impacts of Irrigation by Blending Sewage Water with Ground Water & Surface Water with Special Reference to Semi Arid Region" which is being submitted to The Maharaja Sayajirao University of Baroda in fulfillment of the requirements for the award of the degree of Doctor of Philosophy in Civil Engineering by Shri J. S. Patel has been written by him under my supervision and guidance. This is an original work carried out by him independently. The matter presented in this thesis has not been submitted for the award of any other degree.



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