CERTIFICATE

This is certified that Mast Reedam Rajendra Shirodkar has successfully completed dissertation entitled "Isolation and Characterization of shell associated bacteria from Cacra beach and their application in seafood waste management" being submitted to Goa University in partial fulfilment of the requirement for degree of Master of Science in Marine Microbiology course in the academic year 2019-2020.

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By

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Under the Guidance of

Dr. Milind Mohan Naik

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2019-2020