Isolation of Halophilic and Halotolerant Bacteria from Salt Pans of Goa to Study Manganese (II) Tolerance



Dissertation Submitted To

GOA UNIVERSITY

IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE DEGREE OF

MASTER OF SCIENCE IN MARINE MICROBIOLOGY

BY

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MAY 2022

DECLARATION

I hereby declare that this work titled 'Isolation of halophilic and halotolerant bacteria from salt pans of Goa to study Manganese (II) tolerance' incorporated in this dissertation, which is in partial fulfilment of the requirement of the MSc. Marine Microbiology Degree, is a record of the original work done by me under the guidance of Dr. Nikita Lotlikar, Associate Professor, Marine Microbiology, School of Earth, Ocean and Atmospheric Sciences, Goa University, Taleigao, Goa and was carried out in the School of Earth, Ocean and Atmospheric Sciences, Goa University, Taleigao, Goa and has not formed the basis for the award of any Degree/ Diploma/ Associateship/ Fellowship or any similar title to any candidate of any university.

Date: 04 - 05 - 2022

Yellapu Bhuvaneshwari

CERTIFICATE

This is to certify that the project entitled as 'Isolation of halophilic and halotolerant bacteria from salt pans of Goa to study Manganese (II) tolerance' is a bonafide and authentic record of the research carried out by Ms. Yellapu Bhuvaneshwari, student of MSc Marine Microbiology, during the period of January 2022 - May 2022, under my supervision and guidance at the School of Earth, Ocean and Atmospheric Sciences, Goa University, Taleigao, Goa, in partial fulfilment for the award of the degree MSc. Marine Microbiology of the University has not been submitted before for any other degree or diploma in any other University.

Date: 04 05 2022

This dissertation has not been corrected due to late submission of the same, for reasons best known to the student.

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