



सी एस आई आर - राष्ट्रीय समुद्र विज्ञान संस्थान

(वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद)

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CSIR - National Institute of Oceanography

(Council of Scientific & Industrial Research)

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Certificate

This is to certify that this dissertation is a bonafide and an authentic record of the research carried out by **Mr. Gajendra Prakash** student of Marine Science (Marine Biology), at Goa University is based on original studies carried out by him during July, 2019 to March, 2020 under my guidance and supervision at CSIR – National Institute of Oceanography, Dona Paula, Goa. I further certify that this thesis or research thereof has not been previously submitted for award of any degree or diploma in any university or institutions.

Date: 17-08-2020

Place: Doana Paula

Signature

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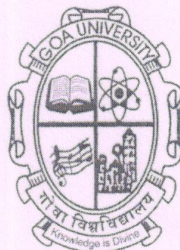
To Study the role of environmental factors on *Vibrio* species with respect to its abundance on tarballs contaminated Seawater

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