

Identification and quantification of microplastics in beach sediments of Goa, and their potential as carriers of metals.

A Dissertation Report for

Course code and Course Title: MSD 480 Dissertation

Credits: 8

Submitted in partial fulfilment of

M.Sc. in Marine Science

by

CHELSEA JULID GEMMA FERNANDES

Roll Number: 21P040006

Under the Supervision of

Dr. MAHESHWAR R. NASNODKAR

School of Earth, Ocean & Atmospheric Sciences
Marine Science



GOA UNIVERSITY

Date: April 2023

Examined by:



Seal of the School

DECLARATION BY STUDENT

I hereby declare that the data presented in this Dissertation entitled, "Identification and quantification of microplastics in beach sediments of Goa, and their potential as carriers of metals," is based on the results of investigations carried out by me in the Marine Science at the School of Earth, Ocean and Atmospheric Sciences, Goa University under the Supervision/Mentorship of Dr. Maheshwar R. Nasnodkar and the same has not been submitted elsewhere for the award of a degree or diploma by me. Further, I understand that Goa University or its authorities will be not be responsible for the correctness of observations / experimental or other findings given the dissertation.

I hereby authorize the University authorities to upload this dissertation on the dissertation repository or anywhere else as the UGC regulations demand and make it available to any one as needed.

ifdes
Chelsea Julid Gemma Fernandes
Roll Number: 21P040006
Marine Science
School of Earth, Ocean and
Atmospheric Sciences

Date: 20/04/2023

Place: Goa University

COMPLETION CERTIFICATE

This is to certify that the dissertation / internship report "**Identification and quantification of microplastics in beach sediments of Goa, and their potential as carriers of metals.**" is a bonafide work carried out by **Ms Chelsea Julid Gemma Fernandes** under my supervision/mentorship in partial fulfilment of the requirements for the award of the degree of **Master's** in the Discipline of Marine Sciences at the School of Earth, Ocean and Atmospheric Sciences, Goa University.

Dr. M. R. Nasnodkar
Marine Science

Date: 20/04/2023

Sr. Prof. C. U. Rivonker
Dean

Marine Science
School of Earth, Ocean and
Atmospheric Sciences

Date: 25.04.2023

Place: Goa University

