

**The Variability of Precipitation in the North Indian Ocean and  
Surrounding Regions in the Period from January 1997 to December**

**2021**

A Dissertation for

Course code and Course Title: MSD 480 Dissertation

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Submitted in partial fulfilment of Master's Degree

MSc in Marine Sciences

by

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Marine Sciences



Goa University

April 2023



Examined by:

Seal of the School

### DECLARATION BY STUDENT

I hereby declare that the data presented in this Dissertation report entitled, "The Variability of Precipitation in the North Indian Ocean and surrounding regions in the Period from January 1997 to December 2021" is based on the results of investigations carried out by me in the Marine Sciences at the School Of Earth, Ocean And Atmospheric Sciences, Goa University under the Supervision/Mentor-ship of Dr. Joshua R. D'Mello 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.

  
Manali Makarand Parsekar

Seat No.: 21P040014

M.Sc. Marine Sciences

School of Earth, Ocean and Atmospheric Sciences

Date: 20<sup>th</sup> April 2023

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M.Sc. Marine Sciences

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Date: 20<sup>th</sup> April 2023

Place: Goa University

## COMPLETION CERTIFICATE

This is to certify that the dissertation report "**The Variability of Precipitation in the North Indian Ocean and surrounding regions in the period from January 1997 to December 2021**" is a bonafide work carried out by **Ms Manali Makarand Parsekar** under my supervision/ mentorship in partial fulfilment of the requirements for the award of the degree of **Master of Science** in the Discipline of Marine Sciences at the School of Earth, Ocean and Atmospheric Sciences, Goa University.

Date: 20<sup>th</sup> of April, 2023

Dr. Joshua D'Mello  
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Sr. Prof. C. U. Rivonker  
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Date: 25.04.2023  
Place: Goa University



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