

POLYMER DEGRADATION STUDIES UNDER UV AND DIRECT SUNLIGHT EXPOSURE

A Dissertation Report for

ESC-402 Dissertation

Credits: 8

Submitted in partial fulfilment of Master's Degree

M.Sc. In Environmental Science

By

BANITA SHASHIKANT GAONKAR

21P058005

Under the supervision of

DR. VINOD MANDREKAR

School of Chemical Sciences

Organic Chemistry



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, "Polymer Degradation studies under UV and direct sunlight exposure" is based on the results of investigations carried out by me in the Masters of Science in Environmental Science at the School of Earth, Ocean and Atmospheric Sciences, Goa University under the Supervision of Dr. Vinod Mandrekar 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.



Banita S. Gaonkar

21P058005

M.Sc. Environmental Science

School of Earth, Ocean and Atmospheric Sciences

Goa University

Date: 29/04/2023

Place: Goa University

COMPLETION CERTIFICATE

This is to certify that the dissertation report "Polymer Degradation Studies Under UV and Direct Sunlight Exposure" is a bonafide work carried out by Ms. Banita Shashikant Gaonkar under my supervision/mentorship in partial fulfilment of the requirements for the award of the degree of Master's in the discipline Environmental Science at the School of Earth, Ocean and Atmospheric Sciences, at Goa University.


29/4/23

Dr. Vinod Mandrekar

Assistant Professor

School of Chemical Sciences

Date: 29/04/2023



Senior Prof. C. U. Rivonkar



School Stamp

DEAN

School of Earth, Ocean and Atmospheric Sciences

Date:

Place: Goa University