

**Synthesis of Chemical Intermediates from Waste Polyethylene
Terephthalate**

A Dissertation for

Course Code and Course Title: CHC – 651 Discipline-Specific Dissertation

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Submitted in partial fulfilment of Master's Degree

M.Sc. in Organic Chemistry

by

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MAY 2024



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DECLARATION BY STUDENT

I hereby declare that the data presented in this Dissertation report entitled, "**Synthesis of Chemical Intermediates from Waste Polyethylene Terephthalate**" is based on the results of investigations carried out by me in the Organic Chemistry at the School of Chemical Sciences, Goa University under the Supervision of Dr. Vinod K. 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.

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Date: 19/04/2024

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COMPLETION CERTIFICATE

This is to certify that the dissertation report "**Synthesis of Chemical Intermediates from Waste Polyethylene Terephthalate**" is a bonafide work carried out by Mr. Jeshier Elie Miranda under my supervision in partial fulfilment of the requirements for the award of the degree of **Master of Science** in the Discipline Organic Chemistry at the School of Chemical Sciences, Goa University.

Date: 19/04/24


Dr. Vinod K. Mandrekar
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