

Development of Transition Metal Oxides as Sensor Materials for the Detection of Pesticides in Waste Water

A Dissertation report for

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M.Sc. in Physical Chemistry

by

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GOA UNIVERSITY

APRIL 2023



Seal of the School

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DECLARATION

I hereby declare that the data presented in this Dissertation report entitled, “**Development of Transition Metal Oxides as Sensor Materials for the Detection of Pesticides in Waste Water**” is based on the results of investigations carried out by me in the Physical Chemistry at the School of Chemical Sciences, Goa University under the supervision of Dr. Nitesh Joshi 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 experimental or other findings given the dissertation.

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Date: 24th April 2023

Place: Goa University

CERTIFICATE

This is to certify that the dissertation report **“Development of Transition Metal Oxides as Sensor Materials for the Detection of Pesticides in Wastewater”** is a bonafide work carried out by Ms. Crecia Oliveira under my supervision in partial fulfilment of the requirements for the award of the degree of Masters in Science in Chemistry in the Discipline Physical Chemistry at the School of Chemical Sciences, Goa University.



06/05/2023

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