$Synthesis, Characterization\ and\ Catalytic\ Soot\ Oxidation\ studies\\ using\ SnO_2,\ CeO_2\ and\ their\ nanocomposites$

A Dissertation report for

Course code and Course Title: 505-Dissertation

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MSc in Physical Chemistry

By

Miss.DWANA EMILY MARTINS

Roll Number: 21P049040

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Goa University

Date:

Examined by:

Seal of the School

DECLARATION BY STUDENT

I hereby declare that the data presented in this Dissertation report entitled, "Synthesis,

Characterization and Catalytic Soot Oxidation studies using SnO2, CeO2 and their

nanocomposites" is based on the results of investigations carried out by me in Physical

Chemistry at the School of Chemical Sciences, Goa University under the Supervision of Dr

Pranay P. Morajkar and the same has not been submitted elsewhere for the award of a degree

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CERTIFICATE

This is to certify that the dissertation/internship report "Synthesis, Characterization and Catalytic Soot Oxidation studies using SnO₂, CeO₂ and their nanocomposites" is a bonafide work carried out by Miss Dwana Emily Martins under my supervision/mentorship in partial fulfilment of the requirements for the award of the degree of Master of Science in Physical Chemistry at the School of Chemical Sciences, Goa University.

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