SYNTHESIS, CHARACTERIZATION AND SUPERCAPACITOR APPLICATION OF SnO₂, ZrO₂ AND THEIR NANOCOMPOSITES

M.sc Dissertation Report for

Course Code and Title: CGO 500

Credits: 8

Submitted in partial fulfilment of Master's Degree

M.Sc. in Physical Chemistry

By

Mr. MOHIT DILIP MAINIKAR

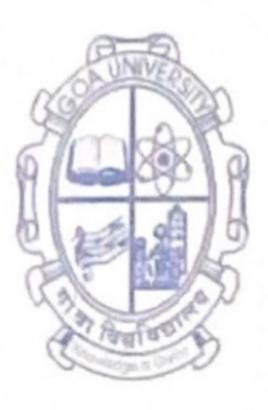
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Under the Supervision of

Dr. PRANAY P. MORAJKAR

School of Chemical Science

Physical chemistry



GOA UNIVERSITY

APRIL 2023



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DECLARATION BY STUDENT

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

Characterization and Supercapacitor Application of SnO2, ZrO2 and their

nanocomposites" 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.

Pranay P. Morajkar 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

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COMPLETION CERTIFICATE

This is to certify that the dissertation report "Synthesis, Characterization and Supercapacitor Application of SnO₂, ZrO₂ and their nanocomposites" is a bonafide work carried out by Mr. Mohit Dilip Mainikar under my supervision/mentorship in partial fulfilment of the requirements for the award of the degree of M.Sc. in the Discipline Physical Chemistry at the School of Chemical Sciences, Goa University.

Dr. Pranay P. Morajkar Assistant Professor Physical Chemistry Date:

Jan 205/2023

Dr. Vidhyadatta M. Shet Verenkar

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Date:

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