## Visible Light Promoted Metal-Free Thiocyanation of Indole Using

### Porphyrin as a Photoredox Catalyst

A Dissertation Report for

Course code and Course Title CGO-500.

Credits (18

Submitted in partial fulfilment of Master's Degree

Master of Science in Organic Chemistry

By

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**APRIL 2023** 

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#### DECLARATION BY STUDENT

I hereby declare that the data presented in this Dissertation report entitled, "Visible light promoted metal-free thiocyanation of indole using porphyrin as a photoredox catalyst" is based on the results of investigations carried out by me at the School of Chemical Sciences, Goa University under the Supervision of Dr. Sandesh T. Bugde 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 not be responsible for the correctness of observations / experimental or other findings given the dissertation.

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Date: 06 05 2023

Place: Goa University

# **COMPLETION CERTIFICATE**

This is to certify that the dissertation report "Visible light promoted metal-free thiocyanation of indole using porphyrin as a photoredox catalyst" is a bonafide work carried out by Ms Rutika Ramnath Gawas 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.

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