

**VISIBLE LIGHT-MEDIATED C-C COUPLING REACTIONS**  
**USING PHOTOREDOX CATALYSIS**

A Dissertation report for

Course code & Course title: CHC-651 & Discipline Specific Dissertation

Credits: 16

Submitted in partial fulfilment of Master's Degree

M.Sc. in Organic Chemistry

by

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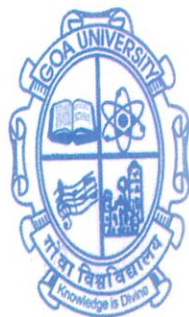
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Under the supervision of

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Date: April 2024

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### DECLARATION BY STUDENT

I hereby declare that the data presented in this Dissertation report entitled, "**Visible light-mediated C-C coupling using photoredox catalysts**" 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. Sandesh Tukaram 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.

I hereby authorize the University authorities to upload this dissertation to the dissertation repository or anywhere else as the UGC regulations demand and make it available to anyone as needed.



Prachi Prashant Vaidhya

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Date: 29/04/24

Place: Goa University

### COMPLETION CERTIFICATE

This is to certify that the dissertation report "**Visible light-mediated C-C coupling using photoredox catalysis**" is a bonafide work carried out by **Ms. Prachi Prashant Vaidhya** under my supervision in partial fulfilment of the requirements for the award of the degree of Master in Chemistry in the Discipline Organic Chemistry at the School of Chemical Sciences, Goa University.



Dr. Sandesh Tukaram Bugde

School of Chemical Science

Date: 29<sup>th</sup> April 2024



Prof. Vidhyadatta Verenkar

School of Chemical Sciences

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Place: Goa University

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