#### BF3 OEt2 mediated

# 1,5-hydride shift /cyclization reaction for Synthesis of benzopyran

#### derivatives

A dissertation Report for
Course code and Course Title: CGO-500 Organic Chemistry
Credits: 8
Submitted in partial fulfilment of Masters Degree
M.Sc. in Organic Chemistry

By

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Under the supervision of

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School of Chemical Science Organic Chemistry



GOA UNIVERSITY April 2023

Examined by:

TALEIGAO PLATEAU GOA

Seal of the School

**DECLARATION:** 

I hereby declare that the data presented in this Dissertation report entitled, "BF3 OEt2

mediated 1,5-hydride shift /cyclization reaction for Synthesis of benzopyran

derivatives" is based on the results of investigations carried out by me in the M.Sc.

Organic Chemistry at the School of Chemical Sciences, Goa University under the

Supervision of Dr Rupesh Kunkalkar and the same has not been submitted elsewhere

for the award of a degree or diploma by me. Further, I understand that Goa University

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experimental or other findings given the dissertation.

I hereby authorize the University authorities to upload this dissertation on the

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Date: 06 05 2023

Place: Goa University

## **CERTIFICATE:**

This is to certify that the dissertation report "BF<sub>3</sub>·OEt<sub>2</sub> mediated 1,5-hydride shift /cyclization reaction for Synthesis of benzopyran derivatives" is a bonafide work carried out by Ms Manjusha Mahadev Gaonkar under my supervision/mentorship 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 Science, Goa University.

Dr Rupesh Anta Kunkalkar Assistant Professor (Organic Chemistry) School of Chemical Science, Goa University



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