New route in synthesis of heterocycles: 1,4-benzoxazine and

4-Quinazolinone derivatives

A Dissertation Report for

Course code and Course Title: CGO-500 - Dissertation

Credits: 8

Submitted in partial fulfilment of Master's Degree

M.Sc. in organic chemistry

by

RUPESH DILIP GAONKAR

Roll Number: 21P049023

Under the Supervision of

RUPESH A. KUNKALKAR

School of Chemical Sciences Chemistry



Goa University

Date: APRIL 2023

TALEGAO PLATEAU SE GOA CHEMICAL SE

Seal of the School

Examined by:

DECLARATION BY STUDENT

I hereby declare that the data presented in this Dissertation entitled, "New route in synthesis of heterocycles: 1,4-benzoxazine and4-Quinazolinone derivatives" is based on the results of investigations carried out by me in the chemistry at the School of Chemical Sciences, Goa University under the Supervisionof Dr Rupesh A. 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 or its authorities will be 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 on the dissertation repository or anywhere else as the UGC regulations demand and make it available to any one as needed.

Rupesh Dilip Gaonkar 21P049023

Roonkar

Chemistry School of Chemical Sciences

Date: 06 05 2023

Place: Goa University

COMPLETION CERTIFICATE

This is to certify that the dissertation report "New route in synthesis of heterocyclic: 1,4-benzoxazine and4-Quinazolinone derivatives" is a bonafide work carried out by Mr. Rupesh Dilip Gaonkar under my supervision in partial fulfilment of the requirements for the award of the degree of Masters of Science in the Discipline Chemistry at the, School of Chemical sciences, Goa University.

Dr Rupesh A. Kunkalkar

Chemistry

School Stamp

Date: 06 05 2023

W 06 105/2013

Dr Vidhyadatta Verenkar Chemistry

School of Chemical Sciences

Date:

Place: Goa University