

**Studies towards UV mediated synthesis of flavones and related  
compounds and evaluation of its biological activities.**

A Dissertation for  
Course Code and Course Title: CHB-651 & Discipline-specific dissertation  
Credits: 16  
Submitted in partial fulfillment of  
Masters Degree in Biochemistry

By  
**SAMRUDHI SUSHANT SHET PARKAR**

22P0460016  
756-635-247-263  
20190214

Under the Supervision of  
**Dr. PRACHI S. TORNEY**

**School of Chemical Science**



**GOA UNIVERSITY**  
**Date-MAY 2024**



Examined by:

*M. Barretto*  
*Prachi Torney*  
*Ball*  
*Samruddhi*

seal of the school



## STATEMENT

I hereby declare that the data presented in this Dissertation report entitled, **"Studies towards UV mediated synthesis of flavones and related compounds and evaluation of its biological activities."** is based on the results of investigations carried out by me in the Department of Chemistry at the School of Chemical Science, Goa University under the supervision of **Dr. Prachi S. Torney** 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.



Samrudhi Sushant Shet Parkar  
22P0460016  
Biochemistry  
School of chemical science

Date: 06/05/2024

Place: Goa University



## COMPLETION CERTIFICATE

This is to certify that the dissertation report entitled "Studies towards UV mediated synthesis of flavones and related compounds and evaluation of its biological activities." is a bonafide work carried out by Ms. Samrudhi Sushant Shet Parkar under my supervision in partial fulfillment of the requirements for the award of the degree of Masters of Science in Biochemistry at school of chemical sciences in Goa University.

*Prachi Torney*  
08/05/2024.  
Dr. Prachi Torney  
Department of Biochemistry

Date:

*MS*  
06/05/2024

Prof. Vidhyadhyadatta M Shet Verenkar  
Dean of the School of chemical sciences  
Place:Goa University

**Dean**  
**School of Chemical Sciences**  
**GOA UNIVERSITY**



Department stamp