

**BIOASSAY-GUIDED EXTRACTION AND ISOLATION OF
PHYTOCHEMICALS FROM MANGIFERA INDICA L. LEAVES AND
EVALUATION OF THEIR BIOLOGICAL ACTIVITY**

A Dissertation Report for

CHB – 651: Discipline-specific dissertation

Credits:16

Submitted in partial fulfilment of Master's Degree

In Biochemistry

by

GAYATRI A. GAWADE

Seat no: 22PO460007

ABC ID:987-648-627-769

PR no:201900974

Under the supervision of

Dr. PRACHI TORNEY

School of Chemical Sciences

Biochemistry discipline



Goa University

May 2024



Examined by:

Prachi Torney
Gayatri A. Gawade
Prachi Torney
Gayatri A. Gawade

Seal of the school

DECLARATION BY STUDENT

I hereby declare that the data presented in this Dissertation report entitled, "**BIOASSAY GUIDED EXTRACTION AND ISOLATION OF PHYTOCHEMICALS FROM MANGIFERA INDICA L. LEAVES AND EVALUATION OF ITS BIOLOGICAL ACTIVITY**" is based on the results of investigations carried out by me in the Biochemistry at the School of Chemical Sciences, Goa University under the supervision of **Dr. Prachi Torney** and the same has not been submitted elsewhere for the award of a degree 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.

Gayatri. A. Gawade

Seat no: 22PO460007

Date: 09/04/2024

Place: Goa University

COMPLETION CERTIFICATE

This is to certify that the dissertation report "BIOASSAY GUIDED EXTRACTION AND ISOLATION OF PHYTOCHEMICALS FROM MANGIFERA INDICA L. LEAVES AND EVALUATION OF ITS BIOLOGICAL ACTIVITY" is a bonafide work carried out by Ms. **Gayatri A. Gawade** under my supervision in partial fulfilment of the requirements for the award of the degree of Masters of Science in the Discipline Biochemistry at the School of chemical sciences, Goa University.



Dr. Prachi Torney

Supervisor

School of Chemical Sciences



Dr. Vidhyadatta M. Shet Verenkar

Dean

School of Chemical Sciences

Goa University

Date: 09/05/2024

Place: Goa University

Dean
School of Chemical Sciences
GOA UNIVERSITY



School Stamp