



A

Project Report on

**Preclinical studies of antidepressant effects of *hibiscus rosa sinensis* extract on swiss albino mice**

*Submitted by*

**RIKU ROY**

*University Reg. No. -221892310046 OF 2022-23*

*Roll No. -18920222013*

Under the guidance of

**DR. ABHIK SI**

Associate professor

Department of pharmacology

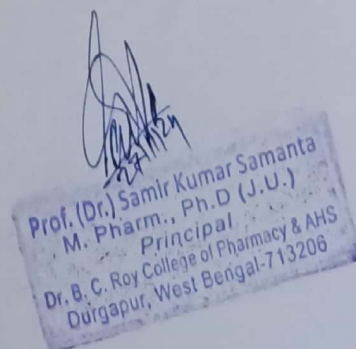
In partial fulfilment of the Requirement for the Degree of  
**Master of Pharmacy in Pharmacology**

Submitted to

**Maulana Abul Kalam Azad University of Technology  
West Bengal**

**Dr. B. C. Roy College of Pharmacy and Allied Health Sciences  
Durgapur 713206**

**Academic Year: 2023 - 2024**



## DECLARATION

I hereby declare that the Project entitled "preclinical studies of antidepressant effects of *hibiscus rosa sinensis* extract on swiss albino mice" in partial fulfilment of the requirement for the award of Master of Pharmacy submitted to Maulana Abul Kalam Azad University of Technology, West Bengal, is an authentic record of bona fide work carried out by me under the guidance of DR. Abhik si.

The matter embodied in this Project has not been submitted for the award of any other degree or diploma to any University / Institution.

Riku Roy  
Signature

Name of Candidate: Riku roy

Roll No:18920222013

Date: 06.06.2024

Place: BCRCP, DURGAPUR

BCRCP, DURGAPUR



Samir Kumar Samanta  
Prof. (Dr.) Samir Kumar Samanta  
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### CERTIFICATE

This is to certify that the Project entitled "preclinical studies of antidepressant effects of *hibiscus rosa sinensis* extract on swiss albino mice" by Riku roy in partial fulfilment for the MASTER OF PHARMACY (PHARMACOLOGY) under MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY is a record of the original research work under our supervision and up to our satisfaction. To our knowledge, neither this thesis nor any part of it has been submitted for any other academic award anywhere before. The thesis is forwarded to Controller of Examination MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY for assessment.

*Abhik Si.*

Signature of Guide

*[Signature]*  
7/06/24

Signature of the External

Examiner

Name of Guide: Dr. Abhik Si.

Place: BCRCP, Durgapur.

Date: 06. 06. 2024.

Place:

Date:

*[Signature]*

PROF. SAMIR KUMAR  
SAMANTA  
(PRINCIPAL)

Prof. (Dr.) Samir Kumar Samanta  
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