

A Thesis  
on

**Effects of Antidiabetic Isolate of Hydro alcoholic extract of  
Cuscuta reflexa (HAECR) in HFD-STZ Rats on its Antiobesity  
and Secondary Diabetic Complications**

*Submitted by*

**Rajib De**

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Under the guidance of

**MR. SAROJ SINGHMURA**

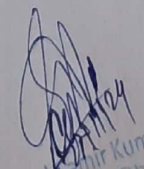
Assistant Professor, Department of Pharmacology  
In partial fulfillment of the Requirement for the Degree of  
**Master of Pharmacy in Pharmacology**

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**



  
Prof. (Dr.) Sothir Kumar Samanta  
M. Pharm., Ph.D (J.U.)  
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Durgapur, West Bengal-713206



## DECLARATION

I hereby declare that the Project "*Effects of Antidiabetic Isolate of Hydro alcoholic extract of Cuscuta reflexa (HAECR) in HFD-STZ Rats on its Antiobesity and Secondary Diabetic Complications*" in partial fulfillment of requirement for award of the Degree of Masters of Pharmacy in Pharmacology 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 Mr. Saroj Singhmura (Assistant Professor, Department of Pharmacology).

Rajib ale.

Signature of the candidate

Roll no: 18920222001

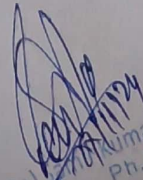
Date: 06.06.24

Place: Durgapur

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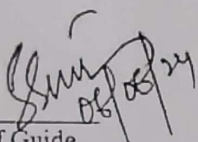
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## CERTIFICATE

This is to certify that the Project entitled "Effects of Antidiabetic Isolate of Hydro alcoholic extract of *Cuscuta reflexa* (HAECR) in HFD-STZ Rats on its Antiobesity and Secondary Diabetic Complications" by Rajib De in partial fulfillment 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.

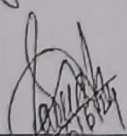


Signature of Guide

Name of Guide: Mr. Saroj Singhmura

Date: 06-06-24

Place: Durgapur

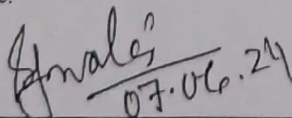


PROF. (DR.) SAMIR KUMAR SAMANTA  
(PRINCIPAL)

Date:

Place:


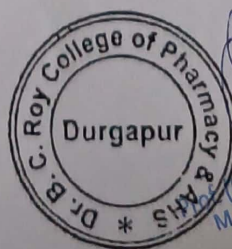
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Signature

Name of External Examiner:

Date:



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