



A  
Project Report on

**Synthesis of Ciprofloxacin/cinnamic acid conjugates,  
their characterization and analytical method  
development by RP-HPLC**

*Submitted by*  
**Susmita Aftab**

*University Regn. No.:* 221892310020

*Roll No.:* 18920722006

Under the guidance of

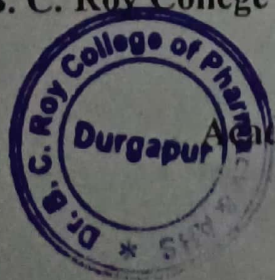
**Dr. Ujjwal Sahoo**  
Associate professor,  
BCRCP

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

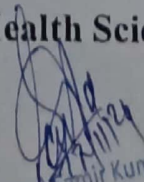
Submitted to

**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.) Samir Kumar Samanta  
M. Pharm., Ph.D (J.U.)  
Principal  
Dr. B. C. Roy College of Pharmacy & AHS  
Durgapur, West Bengal-713206



## DECLARATION

I hereby declare that the Project entitled "Synthesis of ciprofloxacin/ cinnamic acid conjugates, their characterization and analytical method development by RP-HPLC protocol" in partial fulfillment 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. Ujjwal Sahoo.

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

Signature *Susmita Aftab*  
Name of Candidate: SUSMITA AFTAB

Roll No: 18920722006

Date 04.06.2024

Place DURGAPUR



*[Signature]*  
Prof. (Dr.) Samir Kumar Samanta  
M. Pharm., Ph.D (J.U.)  
Principal  
Dr. B. C. Roy College of Pharmacy & AHS  
Durgapur, West Bengal-713206



## CERTIFICATE

This is to certify that the Project entitled "Synthesis of ciprofloxacin/ cinnamic acid conjugates, their characterization and analytical method development by RP-HPLC protocol" by Susmita Aftab in partial fulfillment for the MASTER OF PHARMACY (PHARMACEUTICAL ANALYSIS) 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.

*[Handwritten Signature]*  
A/6/2024

Signature of Guide

Name of Guide: Dr. Ujjwal Sahoo

Place: Durgapur

Date: 04.06.2024

*[Handwritten Signature]*

Signature of the External Examiner

Place:

Date: 05/06/24

*[Handwritten Signature]*

Prof. Samir Kumar Samanta (Principal)

Place: Durgapur

Date: 04.06.2024

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