



MAULANA ABUL KALAM AZAD  
UNIVERSITY OF TECHNOLOGY,  
WEST BENGAL



A Project report on  
**Force Degradation Study of Quetiapine and its  
marketed tablet by Analytical and Chemical  
Characterizations**

*Submitted by*

**Dipanwita Bera**

*University Regn. No.- 221892310014*

*Roll No.- 18920722007*

Under the guidance of

**Dr. Souvik Basak**

Professor

M. Pharm, Ph.D.

In partial fulfillment  
Of the requirement for award of 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: 2022 – 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 "Force Degradation Study of Quetiapine and its marketed tablet by Analytical and Chemical Characterizations" 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. Souvik Basak**.

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

Dipanswita Bera  
Signature


Name of Candidate: Dipanswita Bera

Roll No.- 18920722007

Date: 8/6/24

Place: Durgapur



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

# CERTIFICATE

This is to certify that the Project entitled "Force Degradation Study of Quetiapine and its marketed tablet by Analytical and Chemical Characterizations" by Dipanwita Bera in partial fulfilment 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.

Souvik Basak  
31/6/24

Signature of Guide

Name of Guide: Dr. Souvik Basak

Place: Durgapur  
Date:

Shanto Mukherjee

Signature of the External

Examiner

Place: Durgapur  
Date: 5/6/24



PROF. SAMIR KUMAR SAMANTA

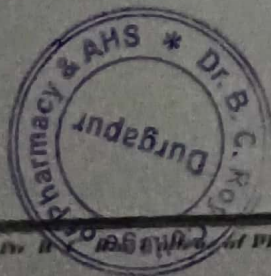
(PRINCIPAL)

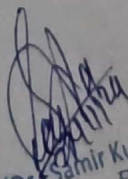
Prof. (Dr.) Samir Kumar Samanta  
M. Pharm. Ph.D (J.U.)  
Principal

Dr. B. C. Roy College of Pharmacy & AHS  
Durgapur, West Bengal-713206

Place: Durgapur

Date: 4/6/24



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

Dr. B. C. Roy College of Pharmacy & AHS