



A

Project Report on
**IMPROVEMENT OF SOLUBILITY AND
DISSOLUTION OF ACECLOFENAC BY SOLID
DISPERSION TECHNIQUE**

Submitted by

SUBHANKAR PAL

University Regn. No. -036879 of 2019-20

Roll No. -18901919079

Under the supervision of

Prof. (Dr.) Santanu Chakraborty

M. Pharm., Ph.D., FIC

Divisional In-charge, Pharmaceutics

In partial fulfilment of the Requirement for the Degree of
Bachelor of Pharmacy

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: 2022-2023



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

DECLARATION

This is to certify that the Project entitled "Improvement of Solubility and Dissolution of Aceclofenac by Solid Dispersion Technique" in partial fulfilment of the requirement for the award of Bachelor 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 Prof. (Dr.) Santanu Chakraborty, Professor and Divisional In-charge, Pharmaceutics, Dr. B. C. Roy College of Pharmacy & AHS, Durgapur, West Bengal.

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

Subhankar Pal
Signature

Name of Candidate: Subhankar Pal

Roll No: 18901919079



A handwritten signature in blue ink, appearing to be "Samir Kumar Samanta".

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

This is to certify that the Project entitled "Improvement of Solubility and Dissolution of Aceclofenac by Solid Dispersion Technique" by Subhankar Pal in partial fulfilment for the BACHELOR OF PHARMACY 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 his 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.

S. Chakraborty 15/5/23
Signature of Guide

Prof. (Dr.) Santanu Chakraborty
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Divisional ~~Dr. (Dr.) Santanu Chakraborty~~
Dr. B. C. Roy College of Pharmacy & AHS
Date: DIC, Pharmaceutics Division
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[Signature] 16/5/23
Prof. (Dr.) Samir Kumar Samanta
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(External)
Date:
Place:

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