



MAULANA ABUL KALAM AZAD
UNIVERSITY OF TECHNOLOGY,
WEST BENGAL



A
Project Report on

Transdermal Insulin Delivery Emphasizing on Mechanical Force Triggered System

Submitted by

ARKAPRAVA PAUL

University Regn. No. – 037314

Roll No. - 18901919054


Under the guidance of
Mr. Saroj Singhmura
Assistant Professor

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.) 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 “**Transdermal Insulin Delivery Emphasizing on Mechanical Force Triggered System**” 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 **Mr. SAROJ SINGHMURA**, Assistant Professor, Dr. B.C Roy College of Pharmacy & A.H.S.

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

Signature: Arkaprava Paul

Name of Candidate: Arkaprava Paul

University Roll No: 18901919054

Date: 15/05/2023

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



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

A handwritten signature in black ink, appearing to read "Arkaprava Paul", with the date "15/05/23" written below it.

CERTIFICATE

This is to certify that the Project entitled "**Transdermal Insulin Delivery Emphasizing on Mechanical force triggered system**" by ARKAPRAVA PAUL 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 report is forwarded to Controller of Examination MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY for assessment.

Signature of Supervisor

Name of Supervisor: MR SAROJ SINGHMURA

Date: 15/05/23

Place: Dr. B. C. Roy College of pharmacy & AHS

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

Date:

Place:

Signature



Dr. C. M. Hossain
Professor & Former Head
Department of Pharmaceutical Technology
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Signature
15/05/23