



MAULANA ABUL KALAM AZAD
UNIVERSITY OF TECHNOLOGY
WEST BENGAL



A

Project Report on

**2D-QSAR ANALYSIS ON C-ARYL GLYCOSIDE
DERIVATIVES AS SGLT2 INHIBITORS USING
OPEN-SOURCE SOFTWARE TOOLS**

Submitted by

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Under the guidance of

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Associate 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
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DECLARATION

I hereby declare that the Project entitled "2D-QSAR ANALYSIS ON C-ARYL GLYCOSIDE DERIVATIVES AS SGLT2 INHIBITORS USING OPEN-SOURCE SOFTWARE TOOLS" 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 **DR. AMIT KUMAR HALDER**.

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

Priya Ray.
Signature


Name of Candidate: PRIYA RAY

Roll No: 18901918068

Date: 15.05.2023

Place: DURGAPUR




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CERTIFICATE

This is to certify that the Project entitled "2D-QSAR ANALYSIS ON C-ARYL GLYCOSIDE DERIVATIVES AS SGLT2 INHIBITORS USING OPEN-SOURCE SOFTWARE TOOLS" by Priya Ray 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/her 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.

Amit Kumar Halder 15/5/23

Signature of Supervisor

Name of Supervisor: Dr. Amit Kumar Halder

Date: 15.05.23

Place: Durgapur

Prof. (Dr.) Samir Kr. Samanta
(PRINCIPAL)

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18/05/23
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