



A  
Project Report on

**Lab Scale Development of The Formulation Of  
*Shigella dysenteriae* Vaccine**

**NAME OF THE STUDENT**

**Debojyoti Sarkar**

*University Regn. No. – 181890210024*

*Roll No. - 18901918097*

Under the guidance of  
**Dr. Subrata Chakrabarty**  
(Director)


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

Submitted to Prof. Sobhan Bose (Exam Cell)  
**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 Sarmanta  
M. Pharm., Ph.D (J.U.)  
Principal  
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Durgapur, West Bengal-713206

## DECLARATION

I hereby declare that the Project entitled “**Lab Scale Development of The Formulation Of *Shigella dysenteriae* Vaccine**” 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 **Name of the Guide**.

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

  
Signature

Name of Candidate: Debojyoti Sarkar

Roll No. : 189019198097

Date: 15<sup>th</sup> May, 2023

Place: Durgapur





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

# CERTIFICATE

This is to certify that the Project entitled "Lab Scale Development of The Formulation Of *Shigella dysenteriae* Vaccine" by Debojyoti Sarkar 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.

Debojyoti Sarkar 15/5/2023

Signature of Supervisor

Name of Supervisor: Dr. Subrata Chakrabarty

Date: 15<sup>th</sup> May, 2023.

Place: Durgapur

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

Date:

Place:

Signature

Samir Kr. Samanta  
18/5/23



Samir Kr. Samanta  
18/5/23  
Prof. (Dr.) Samir Kumar Samanta  
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