



A

Project Report On

**Immobilization of Plastic Degrading Microorganism on
Polymeric Nanoparticle for Efficient Plastic Degradation and
Virulence Study of Microorganism on Animal Model**

Submitted by

AYAN MAHATA

University Reg No.- 221892310040 of 2022-2023

Roll No.- 18920222012

Under The Guidance of

Dr. Abhik Si

Associate Professor

Department of Pharmacology

In partial fulfilment of the Requirement for the Degree of

Master of Pharmacy in Pharmacology

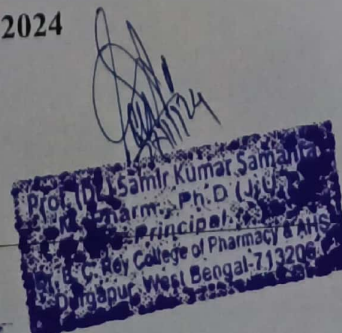
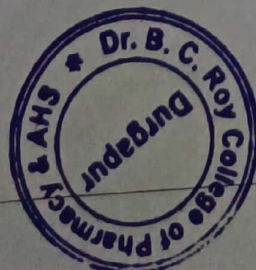
Submitted to

**Maulana Abul Kalam Azad University of Technology
West Bengal**

Dr. B. C. Roy College of Pharmacy and Allied Health Sciences

Durgapur 713206

Academic Year: 2023 – 2024



DECLARATION

I hereby declare that the Project entitled "Immobilization of Plastic Degrading Microorganism on Polymeric Nanoparticle for Efficient Plastic Degradation and Virulence Study of Microorganism on Animal Model" 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 bonafide work carried out by me under the guidance of Dr. Abhik Si

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

Ayan Mahata

Signature

Name of Candidate: AYAN MAHATA

Roll No: 18920222012

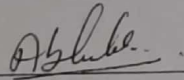
Date: 06/06/2024

Place: BCRCP, Durgapur



CERTIFICATE

This is to certify that the Project entitled "Immobilization of Plastic Degrading Microorganism on Polymeric Nanoparticle for Efficient Plastic Degradation and Virulence Study of Microorganism on Animal Model" by Ayan Mahata in partial fulfilment for the MASTER OF PHARMACY (PHARMACOLOGY) 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.



Signature of Guide

Name of Guide: Dr. Abhik S.

Date: 06.06.2024.

Place: BCRC, Durgapur.



PROF. (DR.) SAMIR KR. SAMANTA

(PRINCIPAL)

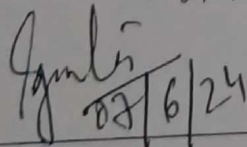
Prof. (Dr.) Samir Kumar Samanta
M. Pharm., Ph.D (J.U.)

Date:

Principal

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

Place:



Signature

Name of External Examiner:

Date:

Place:



II

