



A

Project Report On  
**Immobilization of Plastic Degrading Microorganism on Polymeric  
Nanoparticle for Efficient Plastic Degradation and Byproduct  
Analysis**

*Submitted by*

**Arijit Patra**

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Under The Guidance of  
**Mr. Sanjoy Konar**

Assistant Professor

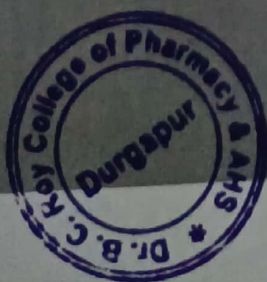
In partial fulfilment of the Requirement for the Degree of  
**Master of Pharmacy in Pharmaceutical Analysis**


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



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



# DECLARATION

I hereby declare that the Project entitled "Immobilization of Plastic Degrading Microorganism on Polymeric Nanoparticle for Efficient Plastic Degradation and Byproduct Analysis" in partial fulfillment 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 Mr. Sanjoy Konar.

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

*Arijit Patra*

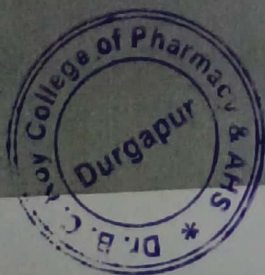
Signature

Name of Candidate: Arijit Patra

Roll No: 18920722011

Date: 04/06/2024

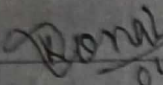
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# CERTIFICATE

This is to certify that the Project entitled "Immobilization of Plastic Degrading Microorganism on Polymeric Nanoparticle for Efficient Plastic Degradation and Byproduct Analysis" by Arijit Patra in partial fulfillment for the MASTER OF PHARMACY (PHARMACEUTICAL ANALYSIS) 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.

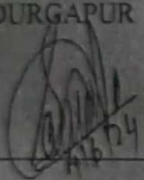
  
04/06  
2024

Signature of Guide

Name of Guide: SANJOY KONAR

Date:

Place: DURGAPUR

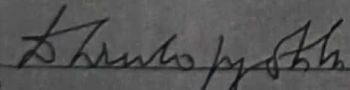
  
PROF. (DR.) SAMIR KR. SAMANTA  
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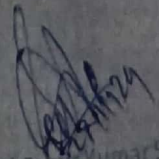
  
Signature

Name of External Examiner:

Date: 05/06/24

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