



A
Project Report on
**EXTRACTION AND CHARACTERIZATION OF
NATURAL POLYMER AND ITS IMPLICATION AS
RELEASE RETARDANT FOR MICROSPHERIC
DRUG DELIVERY**

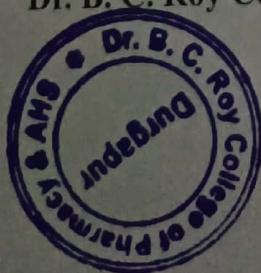
Submitted by
ADARSHA DUTTA

University Regn. No. - 221892310001 of 2022-23
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Under the guidance of
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M Pharm., Ph.D. FIC
Professor and Divisional In-charge of Pharmaceutics

In partial fulfilment of the Requirement for the Degree of
Master of Pharmacy in Industrial 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: 2023 - 2024


Prof. (Dr.) Samir Kumar Samanta
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DECLARATION

I hereby declare that the Project entitled "Extraction and characterization of natural polymer and its implication as release retardant for microspheric drug delivery" 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 bona fide work carried out by me under the guidance of Prof. (Dr.) Santanu Chakraborty.

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

Adarsha Dutta

Signature


Name of Candidate: Adarsha Dutta

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CERTIFICATE

This is to certify that the Project entitled "Extraction and characterization of natural polymer and its implication as release retardant for microspheric drug delivery" by Adarsha Dutta in partial fulfilment for the MASTER OF PHARMACY (INDUSTRIAL 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 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.

Santanu Chakraborty 05/06/24
Signature of Guide

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