



A
Project Report on

**“FORMULATION AND CHARACTERIZATION OF
GEL BASED COPPER NANOPARTICLES OF
ELLAGIC ACID”**

Submitted by

PIYASA CHAKRABORTY

University Regn. No. -221892310032 of 2022-23

Roll No. -18920322012

Under the guidance of

Mrs. Rituparna Chaki Ghosh

(Assistant Professor, Department of Pharmaceutics)

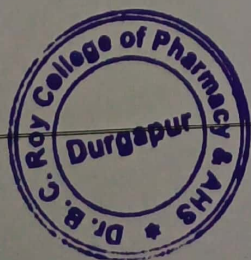
In partial fulfilment of the Requirement for the Degree of
Master of Pharmacy in Pharmaceutics

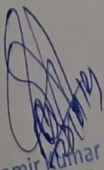
Submitted to

**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



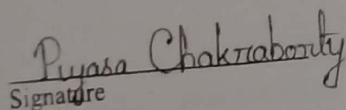

Prof. (Dr.) Samir Kumar Samanta
M. Pharm., Ph.D (J.U.)
Principal
Dr. B. C. Roy College of Pharmacy & AHS
Durgapur, West Bengal-713206



DECLARATION

I am hereby declared that the Project entitled "**FORMULATION AND CHARACTERIZATION OF GEL BASED COPPER NANOPARTICLES OF ELLAGIC ACID**" 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 **Mrs. Rituparna Chaki Ghosh**.

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

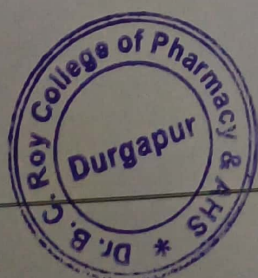

Signature

Name of Candidate: PIYASA CHAKRABORTY

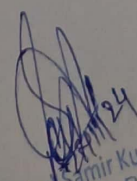
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Place: Durgapur



I


Prof. (Dr.) Samir Kumar Samanta
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CERTIFICATE

This is to certify that the Project entitled "FORMULATION AND CHARACTERIZATION OF GEL BASED COPPER NANOPARTICLES OF ELLAGIC ACID" by PIYASA CHAKRABORTY in partial fulfilment for the MASTER OF PHARMACY (PHARMACEUTICS) 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 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.

Rituparna Chaki Ghosh
Signature of Guide

Name of Guide: Mrs. Rituparna Chaki Ghosh

Date:

Place: Durgapur

Samir Kumar Samanta
PROF (DR.) SAMIR KR. SAMANTA
(PRINCIPAL)

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Date:

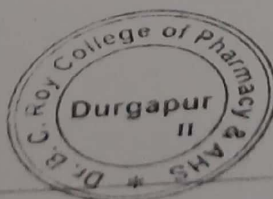
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Signature

Name of External Examiner:

Date:

Place: Durgapur



II

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