



A  
Project Report on

## Exploring the Role of Nanoparticles: Size, Shape, Classification, Synthesis, and their Applications

*Submitted by*

**POULAMI SINGHA**

*University Regn. No. – 201890201910091*

*Roll No. - 18901920014*

Under the guidance of

**PROF. (DR.) SANTANU CHAKRABORTY**

**M.Pharm., Ph.D., FIC**

Professor and DIC of Pharmaceutics

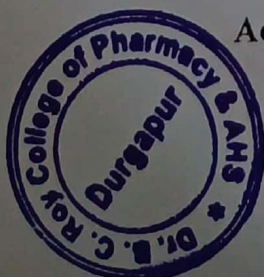
In partial fulfilment of the Requirement for the Degree of  
**Bachelor of Pharmacy**

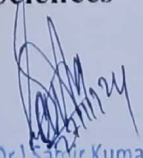
Submitted to

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



## DECLARATION

I hereby declare that the Project entitled "Exploring the Role of Nanoparticles: Size, Shape, Classification, Synthesis, and their Applications Delivery" 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 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.

Poulami Singha  
Signature

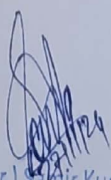
Name of Candidate: Poulami Singha

Roll No: 18901920014

Date: 03/06/2024

Place: Durgapur



  
Prof. (Dr.) Santanu Kumar Samanta  
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## CERTIFICATE

This is to certify that the Project entitled "Exploring the Role of Nanoparticles: Size, Shape, Classification, Synthesis, and their Applications" by Poulami Singha 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.

S. Chakraborty . 03/06/24

Signature of Supervisor

Name of Supervisor: Prof. (Dr.) Santanu Chakraborty

Date:

Place:

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

Date:

Place:

Signature of External Examiner

Date:

Place:



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