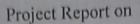


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DEVELOPMENT OF NOVEL COPPER NANOPARTICLE COMPLEXES WITH CIPROFLOXACIN AND VITAMIN C FOR ENHANCED ANTIBACTERIAL EFFICACY

Submitted by

SAIKAT BHATTACHARYA

University Regn. No. -221892310047 of 2022-23 Roll No. - 18920222008

Under the guidance of

Dr. Sagarika Deepthy Tallapragada

Assistant 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



Prof. (Dr.) Sahil Kumar Samanta Prof. (Dr.) Sahil Kumar Samanta M. Pharm. Ph.D (J.U.) Principal Principal



DECLARATION

I hereby declare that the Project entitled "Development of Novel Copper Nanoparticle Complexes with Ciprofloxacin and Vitamin C for Enhanced Antibacterial Efficacy" 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 Dr. Sagarika Deepthy Tallapragada.

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

Saikat Bhattacharya.

Name of Candidate: Saikat Bhattacharya

Roll No: 18920222008

Date: 06/06/2024

Place: Durgapur.





CERTIFICATE

This is to certify that the Project entitled "Development of Novel Copper Nanoparticle Complexes with Ciprofloxacin and Vitamin C for Enhanced Antibacterial Efficacy" by Saikat Bhattacharya 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.

Dr. Sagarika Deepthy Dr. Sagarika Deepthy Tallapragada
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Date: 06/06/24

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Name of External Examiner:

Date:

