

A project Report on

***IN-VITRO AND IN SILICO* STUDIES ON INTERACTION OF  
QUINOLONES WITH CALF THYMUS- DNA.**

Submitted by

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**Reg. No: 211892320210004 of 2021- 22**

**Roll No: 18920221003**

Under the Guidance of

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***M. Pharm., Ph.D., Assistant Professor***

**DEPARTMENT OF PHARMACOLOGY**

In fulfilment for the award of the degree of  
**MASTER OF PHARMACY IN PHARMACOLOGY**

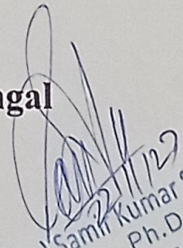
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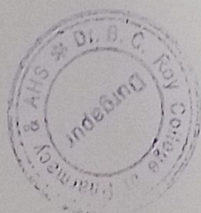
**MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY,  
WEST BENGAL**

**DR. B. C. ROY COLLEGE OF PHARMACY & ALLIED  
HEALTH SCIENCES**

**DURGAPUR -713206, West Bengal**

**Academic Year: 2022- 2023**

  
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 hereby declare that the Project entitled "*IN-VITRO AND IN SILICO STUDIES ON INTERACTION OF QUINOLONES WITH CALF THYMUS- DNA*" in 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.

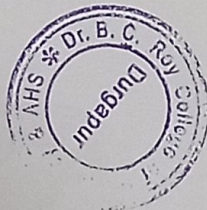
Soumyakanti Chatterjee

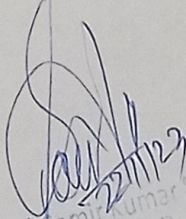
**SOUMYAKANTI CHATTERJEE**

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Date: 22/05/2023

Place: Durgapur



  
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## CERTIFICATE

This is to certify that the Project entitled "*IN-VITRO AND IN SILICO STUDIES ON INTERACTION OF QUINOLONES WITH CALF THYMUS-DNA*" by MR. SOUMYAKANTI CHATTERJEE in 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. T. Sagarika Deepthy* .....

**DR. SAGARIKA DEEPHY TALLAPRAGADA**

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Date: 22.05.2023

Place: Durgapur.

**Dr. Sagarika Deepthy Tallapragada**

M. Pharm., Ph.D

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*[Signature]*  
22/5/23

.....  
**PROF (DR.) SAMIR KUMAR SAMANTA**

**(PRINCIPAL)**

Date:

Place:

*[Signature]*  
25/5/23

.....  
**SIGNATURE OF EXTERNAL EXAMINER**

Date:

Place:

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Prof. (Dr.) Samir Kumar Samanta  
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