



A Project Report on

**TO DESIGN SOME NOVEL ACTINONIN
DERIVATIVES AS HSPDF AND HCT INHIBITORS
BY STRATEGIC AMALGAMATION OF LIGAND
AND STRUCTURE-BASED DRUG DESIGN**

Submitted by

ANIKET OJHA

University Regn. No. – 201890201910093 of 2020-21

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Under the guidance of

Dr. Souvik Basak

Associate Professor, BCRCP

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.
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DECLARATION

I hereby declare that the Project entitled "To design some novel Actinonin derivatives as HsPDF and HCT inhibitors by strategic amalgamation of ligand and structure-based drug design" 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 Dr. Souvik Basak.

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

Aniket Gha

Signature

Name of Candidate: *Aniket Gha*

Roll No: *18901925012*

Date: *03.06.2024*

Place: *Durgapur*



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Prof. (Dr.) Samir Kumar Samanta
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CERTIFICATE

This is to certify that the Project entitled "To design some novel Actinonin derivatives as HsPDF and HCT inhibitors by strategic amalgamation of ligand and structure-based drug design" by Aniket Ojha 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.

Soumit Banerjee
3/6/24

Signature of Supervisor

Name of Supervisor:

Date:

Place:



PROF (DR) SAMIR KR. SAMANTA

(PRINCIPAL)

Date:

Place:

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Signature of External Examiner

Date:

Place:

