



A

Project report on

**Pharmacological Evaluation of Purified roots of *Plumbago  
zeylanica* in Croton oil-induced Rectal Inflammation in  
Rats**

*Submitted By*

**TANZEEM NIGAR**

University Regn. No. –211892320210013 of 2021- 22

Roll No. – 18920221012

*Under the Guidance of*

**Dr. YADU NANDAN DEY**

**Associate Professor, BCRCP**

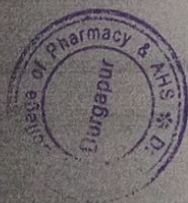
**In partial fulfilment of the requirement for the award of the Degree of**

**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: 2022-2023**



*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 "Pharmacological evaluation of purified roots of *Plumbago zeylanica* in Croton-oil induced Rectal inflammation in Rats" in partial fulfilment of the requirement for the award of Master of Pharmacy in Pharmacology 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. YADU NANDAN DEY.

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

*Tanzeem Nigar*

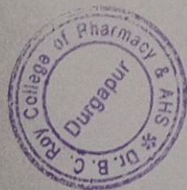
Signature

Name of Candidate: TANZEEM NIGAR

Roll No: 18920221012

Date: 24.05.2023

Place: DURGAPUR



*Prof. (Dr.) Samir Kumar Samanta*  
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## CERTIFICATE

This is to certify that the Project entitled "Pharmacological evaluation of Purified roots of *Plumbago zeylanica* in Croton- oil induced Rectal inflammation in Rats" by **YANZEEM NIGAR** 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.

*Yadu Nandan Dey*

Signature of Guide

Name of Guide: **Dr. YADU NANDAN DEY**

Date: **25-05-2023**

*Durgapur*

*[Signature]*

**(DR.) SAMIR KR. SAMANTA**

**(PRINCIPAL)**

Dr.

Dr.

*[Signature]*  
**25/5/23**

Signature

Name of External Examiner:

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