



A thesis on

**Phytochemical Investigation and Pharmacological  
Evaluation of Purified Roots of *Plumbago zeylanica* in  
Inflammation**

*Submitted by*

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Under the guidance of

**Dr. Yadu Nandan Dey**

Associate Professor

&

Co-guidance of

**Dr. Parthasarathi Panda**

Assistant Professor

In fulfillment of the Requirement for the Degree of  
**Master of Pharmacy in Pharmacology**

Submitted to

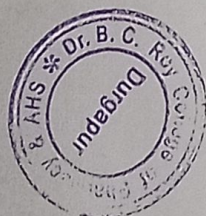
**Maulana Abul Kalam Azad University of Technology**

**West Bengal**

**Dr. B. C. Roy College of Pharmacy and Allied Health Sciences**

**Durgapur 713206**

**Academic Year: 2022 – 2023**



*Prof. (Dr.) Sanjit Kumar Samanta  
M. Pharm., Ph.D (J.U.)  
Principal  
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Durgapur, West Bengal-713206*



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## DECLARATION

I hereby declare that the Project entitled "Phytochemical Investigation and Pharmacological Evaluation of Purified Roots of *Plumbago zeylanica* in Inflammation" in fulfillment 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 bonafide work carried out by me under the guidance of Dr. Yadu Nandan Dey (Guide) & Dr. Parthasarathi Panda (Co-guide).

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

Nandita Mandal

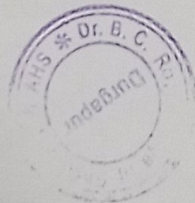
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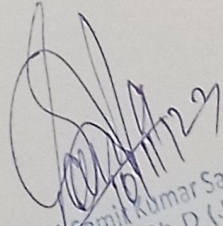
Name of Candidate: Nandita Mandal

Roll No: 18920221002

Date: 24/05/2023

Place: DURGAPUR



  
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**CERTIFICATE**

This is to certify that the Project entitled "Phytochemical Investigation and Pharmacological Evaluation of Purified Roots of *Plumbago zeylanica* in Inflammation" by Nandita Mandal 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

P. Panda

Signature of Guide

Signature of Co-Guide

Name of Guide: Dr. YADU NANDAN DEY

Date: 25-05-2023

Place: Durgapur

PROF (DR.) SAMIR KR. SAMANTA

(PRINCIPAL)

Date:

Place:

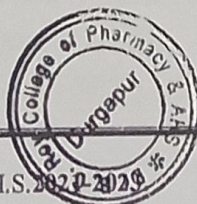
25/5/23

Signature

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