



A

Project Report On
Phytochemical Investigation and Pharmacological Evaluation
of Purified roots of *Plumbago zeylanica* in experimentally-
Induced Arthritis in Rats

Submitted by

TANMOY DAS

University Regn. No. -221892310053 of 2022-2023

Roll No. -18920222004

Under the guidance of

Dr. YADU NANDAN DEY
Associate Professor, BCRCP

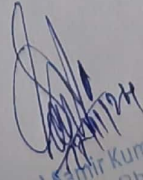
**In partial fulfilment of the Requirement for the Degree of
Master of Pharmacy in Pharmacology**

**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

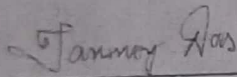



Prof. (Dr.) Samir Kumar Samanta
M. Pharm., Ph.D (J.U.)
Principal
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Durgapur, West Bengal-713206

DECLARATION

I hereby declare that the Project entitled "Phytochemical investigation and pharmacological evaluation of purified roots of *Plumbago zeylanica* in experimentally-induced arthritis in rats" 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. 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.

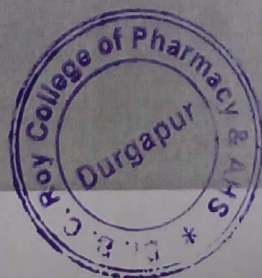

Signature

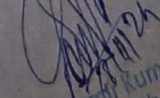
Name of Candidate: Tanmoy Das

Roll No: 18920222004

Date: 5-06-24

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 experimentally-arthritis in rats" by Tanmoy das 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

Place: Durgapur
Date: 06-06-2024

S. S. S.
07.06.24

Signature of the External Examiner

Place:
Date:

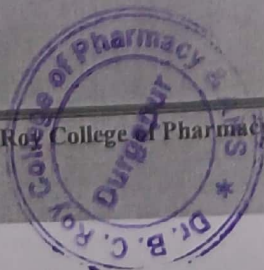
Prof. Samir Kumar Samanta
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Dr. B. C. Roy College of Pharmacy and A.H.S 2023-2024.



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