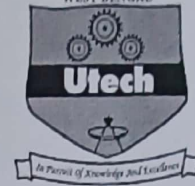




MAULANA ABUL KALAM AZAD  
UNIVERSITY OF TECHNOLOGY,  
WEST BENGAL



A  
Project Report on  
**An Investigation on the Therapeutic Potential of  
Purified Roots of *Plumbago zeylanica* in an  
Experimental Rat Model of Hemorrhoids**

Submitted by  
**TAMAL PAL**  
University Regn. No. -221892310052  
Roll No. - 18920222011


Under the guidance of  
**Dr. YADU NANDAN DEY**  
Associate Professor, BCRC

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.) Saikat 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 "An Investigation on the Therapeutic Potential of Purified Roots of *Plumbago zeylanica* in an Experimental Rat Model of Hemorrhoids" 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.

Tamal Pal

Signature

Name of Candidate: TAMAL PAL

Roll No: 18920222011

Date: 06.06.2024

Place: Durgapur

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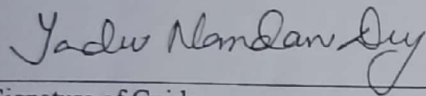
Dr. B. C. Roy College of Pharmacy and AHS 2023-24



Prof. (Dr.) Samanta  
M. Pharm., Gen. D (J.U.)  
Principal  
Dr. B. C. Roy College of Pharmacy & AHS  
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## CERTIFICATE

This is to certify that the Project entitled "An Investigation on the Therapeutic Potential of Purified Roots of *Plumbago zeylanica* in an Experimental Rat Model of Hemorrhoids" by TAMAL PAL 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.

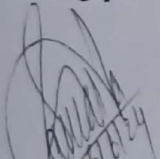


Signature of Guide

Name of Guide: Dr. Yadu Nandan Dey

Date: 06-06-2024

Place: Durgapur

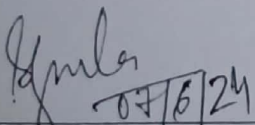
  
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PROF. SAMIR KUMAR SAMANTA

(PRINCIPAL)

Date:

Place: Durgapur

Prof. (Dr.) Samir Kumar Samanta  
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Signature

Name of the External Examiner:

Date:

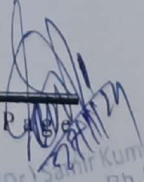
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