



A  
Project Report  
on

**INVESTIGATIONS ON THE EFFECT OF HUMAN  
PLACENTAL EXTRACT IN TREATMENT-RESISTANT  
DEPRESSION**

*Submitted by*

**DISHA DAS**

*University Regn. No. 221892310041 of 2022*

*Roll No. 18920222006*

Under the Guidance of  
**Dr. Shyamshree S. S. Manna**  
Professor of Pharmacology

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

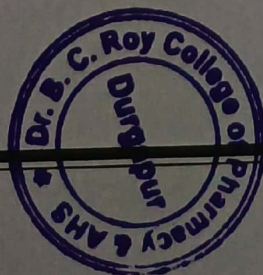
Submitted to

**Maulana Abul Kalam Azad University of Technology  
West Bengal**

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

**Durgapur 713206**

**AY:2023-2024**



*Prof. (Dr.) Samir Kumar Samanta  
M. Pharm., Ph.D (J.U.)  
Principal*

*Dr. B. C. Roy College of Pharmacy and Allied Health Sciences  
Durgapur, West Bengal-713206*



## DECLARATION

I hereby declare that the Project entitled "Investigations on the Effect of Human Placental Extract in Treatment-Resistant Depression" 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. Shyamshree S. S. Manna.

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

Disha Das

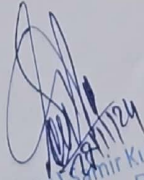
Disha Das

Roll No: 18920222006

Place: Durgapur

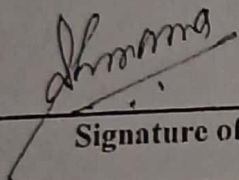
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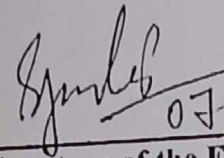
# CERTIFICATE

This is to certify that the project entitled "Investigations on the Effect of Human Placental Extract in Treatment-Resistant Depression" by Ms Disha 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, WEST BENGAL for assessment.

  
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Signature of Guide  
Dr. Shyamshree S. S. Manna

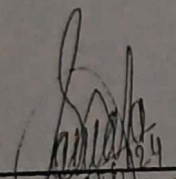
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Signature of the External  
Examiner

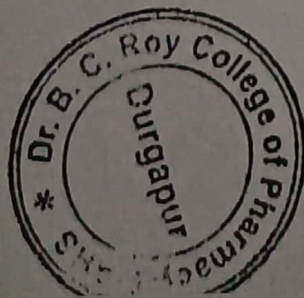
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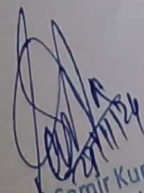
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