



A
Project Report on

EXPLORATION OF PROARRHYTHMOGENICITY OF GLIMEPIRIDE IN HYPOKALEMIA AND ARRHYTHMOGEN PROVOKED RAT MODEL.

Submitted by
SUVOJIT MONDAL

University Regn. No. -221892310051 OF 2022-2023
Roll No. -18920222002

Under the guidance /Joint guidance and supervision of
Internal guide: **PROF.DR. SAMIR KUMAR SAMANTA**
PRINCIPAL of
Dr. B. C. Roy College of pharmacy and Allied Health Sciences

External guide: **PROF. SANMOY KARMAKAR**
Department of Pharmaceutical technology,
Jadavpur University, Kolkata, West Bengal

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**



(Signature)
Prof. Dr. Samir Kumar Samanta
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DECLARATION

I hereby declare that the Project entitled "Exploration of Proarrhythmogenicity of Glimpiride in hypokalemia and arrhythmogen provoked rat model" 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 **PROF.DR. SAMIR KUMAR SAMANTA & PROF. SANMOY KARMAKAR**

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

Suvojit Mondal

Signature

Name of Candidate: SUVOJIT MONDAL

Roll No: 18920222002

Date: 07/06/24

Place: Durgapur.

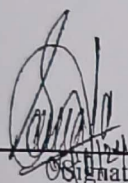
Suvojit Mondal, SRCP/2023-2024/V. Pharm/ Pharmacology/18920222002



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CERTIFICATE

This is to certify that the Project entitled "Exploration of Proarrhythmogenicity of Glimperide in hypokalemia and arrhythmogen provoked rat model" by SUVOJIT MONDAL in partial fulfilment for the MASTER OF PHARMACY IN 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.



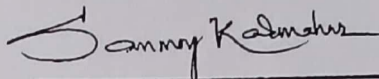
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Name of Guide: **PROF. SAMIR KUMAR SAMANTA.**

Place: **Durgapur.**

Date: **07.06.21**

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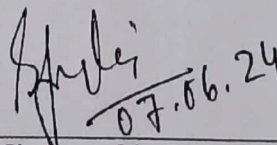


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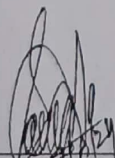
Date: **05.06.21**



Signature of the External Examiner.

Place: **Durgapur**

Date: **07.06.21**



PROF. SAMIR KUMAR SAMANTA
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Place: **Durgapur.**

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