

**EFFECT OF OLANZAPINE ON COMPULSIVE AND LOCOMOTOR  
BEHAVIOR IN MICE: MODULATION BY CENTRAL  
HISTAMINERGIC TRANSMISSION**

**A  
Thesis**

**Submitted for Partial Fulfilment of the Requirement for**

**the Award of Degree of**

**Master of Pharmacy**

**(Pharmacology)**



**2021-2022**

**SUPERVISED BY**

**Dr. Nishant S. Jain**

**(M.Pharm., Ph.D)**

**Asst. Prof. (Pharmacology)**

**SUBMITTED BY**

**Dharmendra Prasad Kewat**

**Roll No. :20705004**

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**DEPARTMENT OF PHARMACY  
GURU GHASIDAS VISHWAVIDYALAYA  
(A CENTRAL UNIVERSITY)  
BILASPUR (C.G.)**

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## FORWARDING CERTIFICATE

This is to certify that *Mr. Dharmendra Prasad Kewat S/o. Mr. Sundar Lal Kewat*, student of *M.Pharm (Final Semester)* in Institute of Pharmaceutical sciences has submitted his thesis entitled "*Effect of Olanzapine on Compulsive and Locomotor Behavior in Mice: Modulation by Central Histaminergic transmission*" for the partial fulfilment of the requirement of Master of Pharmacy in Pharmacology with his truly and honesty observed inference during his project work. He has completed his project work under the supervision of *Dr. Nishant S. Jain* (Assistant Professor, Pharmacology). His work is original, satisfactory and is not submitted anywhere else for the award of any degree.

I hereby forward his thesis for the award of M. Pharmacy (Pharmacology) during the academic session 2020-22.

Forwarded by

  
*Dr. Bharti Ahirwar*

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*Dr. Nishant S. Jain*  
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## DECLARATION

*I hereby declare that this dissertation work entitled "Effect of Olanzapine on Compulsive and Locomotor Behavior in Mice: Modulation by Central Histaminergic Transmission" is prepared under the guidance of **Dr. Nishant S. Jain**, Assistant Professor, Institute of Pharmaceutical Sciences, Bilaspur (C.G.) for the partial fulfilment of the requirement of Master of Pharmacy in Pharmacology.*

*I further declare that I have not submitted this dissertation previously for the award of any degree or diploma to me.*

*Dpkawat*

**Dharmendra Prasad Kewat**

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*Dpkawat*

*Dharmendra Prasad Kewat*

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