

## Konery Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

Ref: KLEF/RO/PHARMACY/2022-23

Date: 16-08-2022

Orders of the In-charge Vice-Chancellor dt.16-08-2022

## **CIRCULAR**

Sub: Workshop on "Pharmacological Screening of Drugs Acting on the Central Nervous System" by KLEF College of Pharmacy – Reg.

Ref:

Letter

dated

16.08.2022

from

Dr.G.

Chakravarthy,

Principal, KLEF College of Pharmacy.

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This is to inform that KLEF College of Pharmacy is organizing a webinar on "Pharmacological Screening of Drugs Acting on the Central Nervous System" which is beneficial to the Life Science (Pharma, Biotechnology & agriculture) students, faculty and researchers, as per the details given below.

Resource person

Dr. Nagaraju Bandaru, Assistant Professor

Mr. Kakarla Ramakrishna, Assistant Professor

KL College of Pharmacy

Date & Time

: 22-08-2022 from 02:30 p.m. to 04:30 p.m.

## Registration Link: <a href="https://forms.gle/khzWw1WCxm1SDTMa9">https://forms.gle/khzWw1WCxm1SDTMa9</a>

For further details Dr. Naresh Dumala, Convener, Assistant Professor, KLEF College of Pharmacy, E-mail Id: nareshpharma2020@kluniversity.in can be contacted.

Poster of the workshop is attached herewith.

REGISTRAR (I/C) Dr. A. JAGADEESH REGISTRAR (I/C)

# Workshop on

Virtual Pharmacological Screening of drugs acting on the central nervous system

## Venue:

Hall Number 309A, R & D Block, K L College of Pharmacy, KLEF deemed to be University.

> Resource Persons: Dr. Nagaraju Bandaru, & Mr. Ramakrishna Kakarla

Date: 22-08-2022. Time: 02.30 pm to

04.30 pm

**Contact:** 

Dr. Naresh Dumala, 9700087883



**Brocher** 

# **KLCP- Workshop Pharmacology**

Activity	02	
Date	22-08-2022	
Resource Person Dr. Nagaraju Bandaru, and Mr. Ramakrishna F		
Participants	Pharma D and B. Pharmacy Students	
Workshop on	Virtual Pharmacological Screening of drugs acting on	
Workshop on	the central nervous system	
Room	Hall Number 309A, R & D Block, Kl University	

Date: 22-08-2022

# Workshop - Pharmacology

#### **Introduction:**

The Virtual Pharmacological Screening Workshop focusing on drugs acting on the central nervous system (CNS) was conducted successfully on 22-08-2022. Hosted by the Pharmacology Faculty at KLCP, KLEF Deemed to be University, the workshop aimed to provide participants with insights into the pharmacological screening techniques used in evaluating drugs affecting the CNS.

Dr. Nagaraju Bandaru, and Mr Ramakrishna Kakarla Assistant Professors Faculty of KL College of Pharmacy has conducted a half day workshop on the 'Virtual Pharmacological Screening of drugs acting on the central nervous system' on 22/08/2022.

#### **Workshop Sessions:**

The workshop comprised several sessions, each delving into different aspects of pharmacological screening:

#### **Introduction to Pharmacological Screening of CNS Drugs:**

This session provided an overview of the importance and challenges of pharmacological screening of CNS drugs. Participants gained insights into the significance of preclinical screening models in drug discovery and development.

#### In Silico Methods in Pharmacological Screening:

The session focused on the utilization of computational techniques in predicting the pharmacological properties of CNS drugs. Participants learned about various in silico methods, including molecular docking, virtual screening, and quantitative structure-activity relationship (QSAR) analysis.

## **Experimental Models and Techniques:**

Here, the workshop covered experimental models and techniques commonly used in pharmacological screening of CNS drugs. Topics included animal models, in vitro assays, and neuroimaging techniques, providing participants with a comprehensive understanding of preclinical evaluation methods.

### **Case Studies and Real-world Applications:**

This session featured case studies and real-world applications of pharmacological screening in CNS drug discovery. Participants had the opportunity to explore how screening techniques contribute to the identification and development of novel therapeutic agents for CNS disorders.

#### **Interactive Q&A Sessions with Experts:**

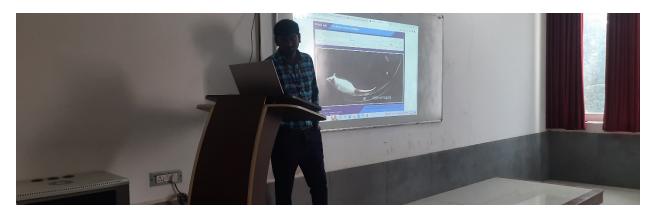
Throughout the workshop, interactive Q&A sessions were held, allowing participants to engage with expert speakers and clarify their doubts. These sessions facilitated meaningful discussions and knowledge exchange among participants and speakers.

Dr. Naresh Dumala has organized the workshop along with other pharmacology Faculty of KL College of Pharmacy The Virtual Pharmacological Screening Workshop was a resounding success, providing participants with valuable insights into the intricacies of evaluating drugs acting on the central nervous system. The workshop not only enhanced participants' understanding of pharmacological screening techniques but also fostered collaboration and networking among researchers and practitioners in the field of pharmacology.

Total number of students participated: 58



Resource person Mr. Kakarla Ramakrishna delivering the workshop content (Dated, 22-08-2022).



Resource person Dr. Nagaraju Bandaru delivering the workshop content (Dated, 22-08-2022).



Student participants interacting with the resource persons.



Mr. Ramakrishna Kakarla clarified the queries of the students (Dated, 22-08-2022).



# KONERU LAKSHWAIAH EDUCATION FOUNDATION (Deemed to be University, Estd. u/s. 3 of UGC Act 1956)

# KL COLLEGE OF PHARMACY

Skill Activity Report August-2022

# KLCP- Workshop Pharmacology Attendance Sheet

Date: 22-08-2022

Sr. No.	Name of Faculty/Student	Staff ID/Student ID	Year of the Study	Signature
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incharge-Skill Development

**Pharmacy Department** 

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#### KL COLLEGE OF PHARMACY

Skill Activity Report August-2022

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Professor incharge-Skill Development

**Pharmacy Department** 

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