



**DKM COLLEGE FOR WOMEN ( AUTONOMOUS)  
SAINATHAPURAM, VELLORE - 01.**

**PG & RESEARCH DEPARTMENT OF MICROBIOLOGY**

**Invites you to  
Virtual Workshop on**

**“Disease Models of Laboratory  
Animal Experimentation”**



**Dr.D. Ezhilarasan,**  
Assistant Professor,  
Department of Pharmacology,  
Saveetha Dental College,  
Saveetha Institute of Medical &  
Technical Sciences, Chennai

**DATE**



**2021**

**LIVE ON**



**Google Meet**

**TIME**

**2:00  
PM**

**No Registration Fee, E-certificate will be Provided**

## **REPORT OF THE VIRTUAL WORKSHOP ON DISEASE MODELS OF LAB ANIMAL EXPERIMENTATION**

**15.02.2021**

The PG & Research Department of Microbiology, conducted virtual workshop entitled “Disease models of Lab Animal Experimentation” on 15<sup>th</sup> February, 2021. The main purpose of the workshop is to create awareness among students and scholars about animal experiments.

The eminent resource person of the workshop was Dr. D. Ezhilarasan, Assistant Professor, Department of Pharmacology, Saveetha Dental College, Saveetha Institute of Medical & Technical Sciences, Chennai.

Around 200 participants both virtually and the students from the college were benefited.

The practice of studying biological phenomena and diseases in laboratory animals has a long history and is well established in biomedical sciences.

Biomedical research continues to rely on laboratory animals, both to conduct basic research and to be able to continue developing effective and safe medicines for diseases, vaccine, pathogenic analysis and other treatments. Clinical research is based on the results of basic research. Furthermore, there are scientific questions that cannot be researched with alternative methods at present.

Animal experiments provide a greater degree of safety. For ethical reasons, it is not possible to expose human beings to the risk of these kinds of investigations. The risk of an undesirable effect from a substance is very high for humans if the substance has not been tested for innocuousness in animal experiments.

REC Ezhilarasan Devaraj is presenting

Dr. A.shyamala Biotechno... and 79 more

2:36 PM

Ezhilarasan D...

J

A

Rachel Devakruba

Meeting details

Google Meet Attendance - v1.4.2

RAISE HAND

TURN ON CAPTIONS

Ezhilarasan Devaraj is presenting

NAFLD

Dietary Animal Models of NAFLD

- High Fat Diet (HFD) Animal Model
- Methionine and Choline-deficient (MCD) Dietary Model
- High Cholesterol Diet Model
- High Fructose Diet Model

Genetic Animal Models of NAFLD

- ob/ob and a/a mice Genetic Animal Model
- Fast/Fat Genetic Model
- ob/ob Genetic Supplemented
- Leptin-deficient (Lepr<sup>fl/fl</sup>)

Diet - 40% fat (of which ~10% was trans fat), 20% fructose, and 2% cholesterol - vitamins, methionine with folic acid, and choline

New Tab

Security alert - v...

Bitbox (26) - v...

Google meet link

meet.google.com/gmc-off-wka

Apps

registration.ap...

Gmail

YouTube

Maps

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REC

Ezhilarasan Devaraj is presenting

Chellakkannu M and 79 more

2:43 PM

You

Ezhilarasan...

Vidhya a

Sabeeda G

VIDHYA A

J

B

Janarthana...

Barathi

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Agila Raviku...

hema priya

NAFLD

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Vellore, Tamil Nadu, India

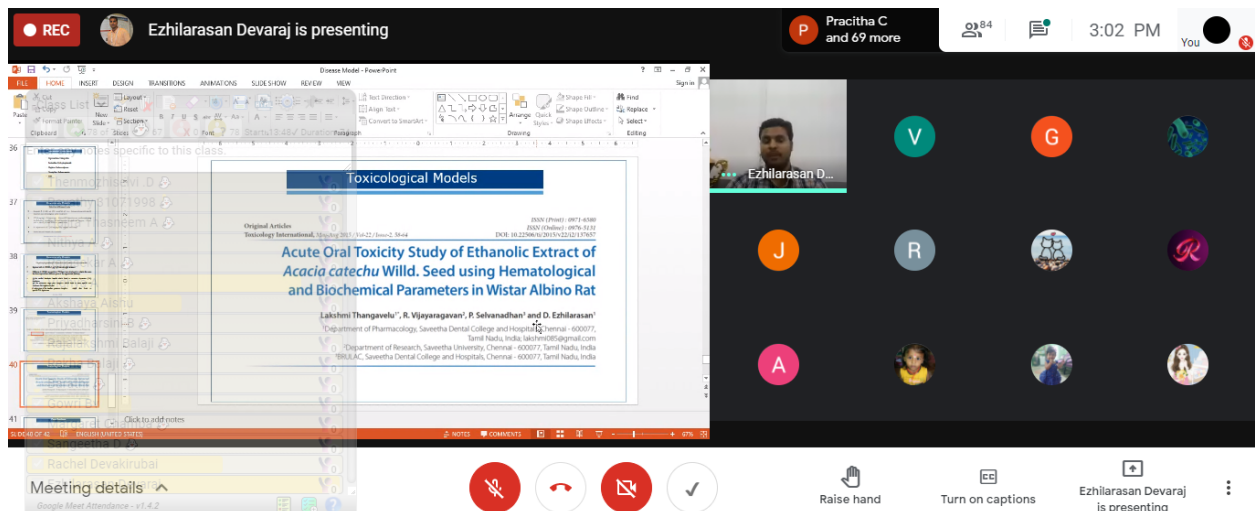
14/11, Kanni Koil St, Sasthri Nagar, Vallalar Nagar, Vellore, Tamil Nadu 632001, India

Lat N 12° 53' 54.6396"

Long E 79° 8' 24.5688"

15/02/21 02:43 PM

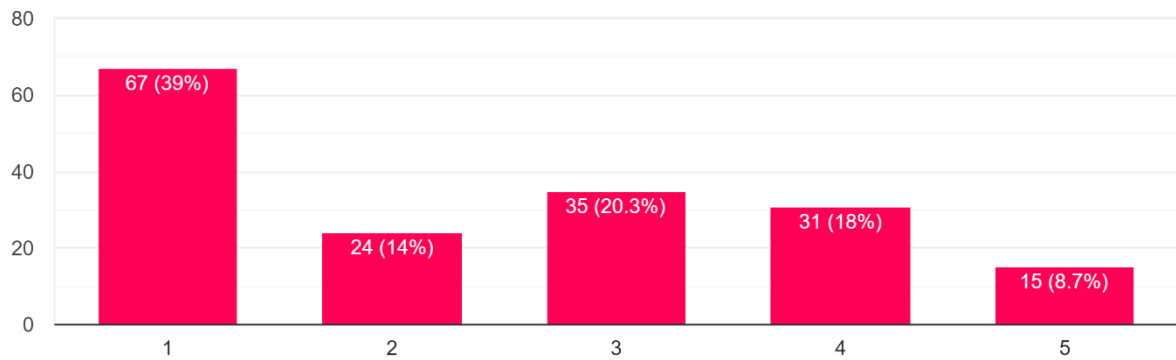
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## FEEDBACK

## How relevant and helpful do you think the event was?

172 responses



Inbox (303) - microbiologydkm... x WORKSHOP feedback - Google i x +

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Apps registration.apct.go... Gmail YouTube Maps kmimicbiowindhover Reading list

Any overall feedback for the event?  
172 responses

Good evening this event is very nice. totally enjoyed and learned a lot comfortable environment. was totally amazing. all very positive. very inspiration and motivation speaker. an awesome work.

Useful

good event.

I was learning some new from the event

this event was very useful

It was nice presentation

It useful ..and develop our knowledge

This event is very useful and helpful because I will studied in higher studies to helpful in the event

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