



# VIRTUAL GLOBAL CONGRESS ON SUSTAINABLE GROWTH & DEVELOPMENT 2022 – HEALTH AND LIFE SCIENCES (GCSGD2022-HLS)

**DATE: 25 to 26 NOVEMBER 2022**

## ORGANIZERS:



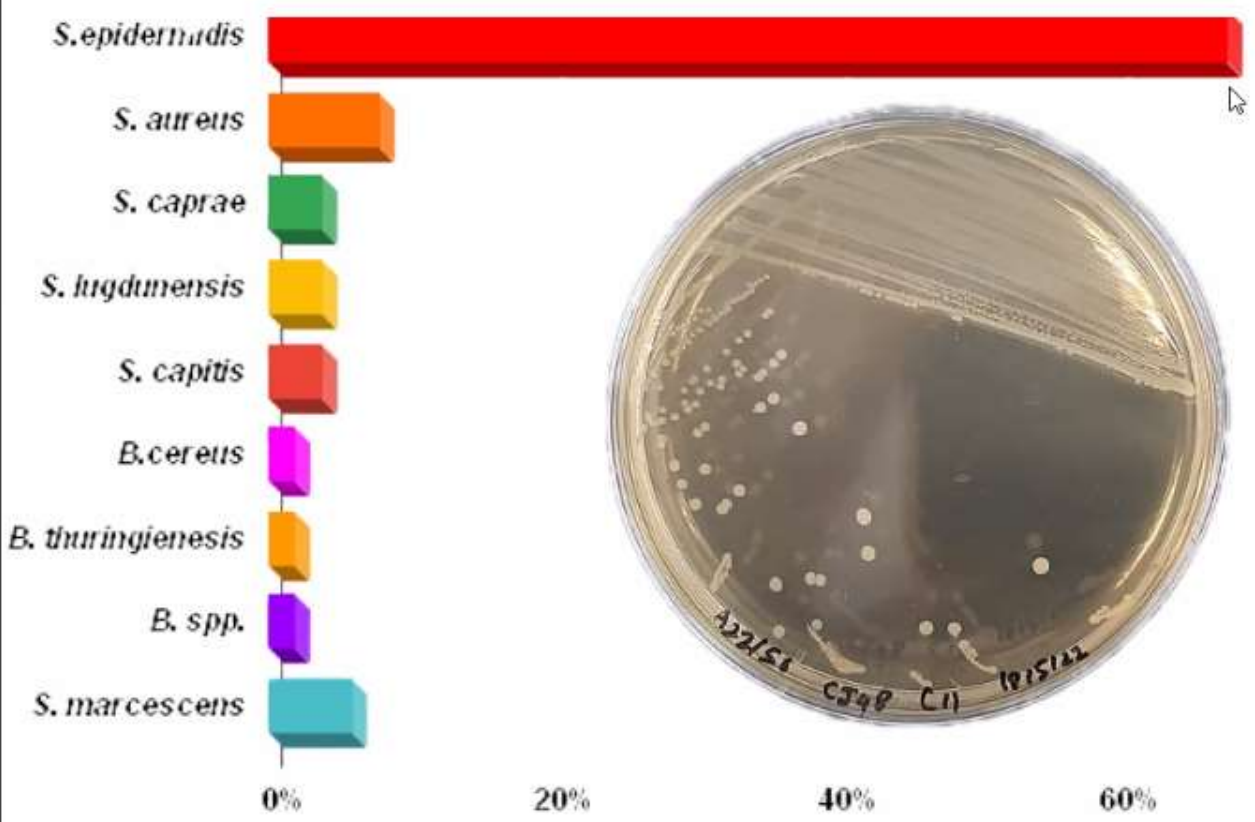
**INTI**  
International University



**UNIVERSITI  
GEOMATIKA  
MALAYSIA**



# SEQUENCING - RESULTS



Most commonly isolated skin bacteria is *S. epidermidis* (68%), which is consistent with similar studies.



*S. epidermidis* contributes to acne by promoting inflammation.



Recent studies theorise that the entire skin microbiota is involved in the pathophysiology of **acne vulgaris**



## Quest International University

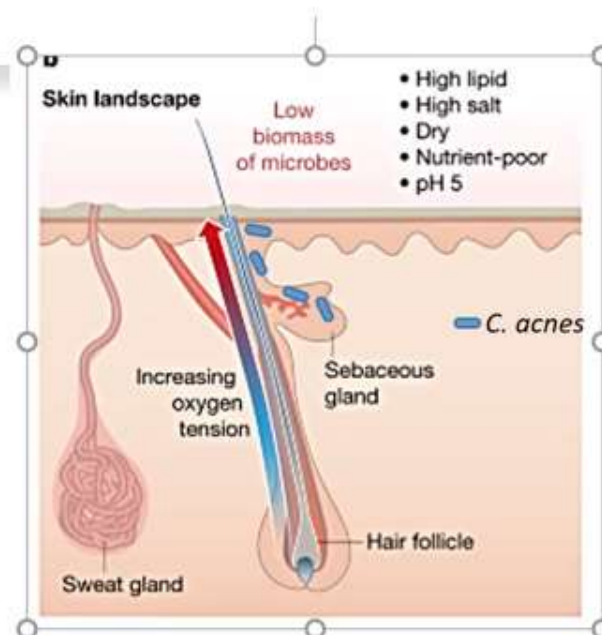
- Plastic-based materials are widely utilized in the packaging industry.
- Accumulation of packaging waste has triggered a serious environmental concern.
- Biopolymers have been proposed as a solution to rising environmental concerns.



RHOWINI PALANIANDI

# *Cutibacterium acnes* & acne

- Is an understudied skin pathogen that mainly causes acne vulgaris (AV)
- Affects physical and mental wellbeing of individuals
- AV treatment involves the use of topical & systemic antibiotics
- Long-term antibiotic use has resulted in the emergence of antibiotic-resistant *C. acnes* strains.



Presentation 1 [lalita] - PowerPoint

File Home Insert Design Transitions Animations Slide Show Review View Mix Tell me what you want to do... Lalita Ambigai Sivasamugham Share

Cut Copy Paste Format Painter Clipboard

Layout New Slide Section Slides

Font: 12, A, A, B, I, U, S, Aa, A

Paragraph: Text Direction, Align Text, Convert to SmartArt

Drawing: Shape Fill, Shape Outline, Shape Effects, Arrange, Quick Styles

Editing: Find, Replace, Select

1 Antibiotic Susceptibility Patterns of clinical *Cutibacterium acnes* isolates obtained from acne samples

2 *Cutibacterium acnes* & acne

3 Research Aim

4 Materials & Methods

Click to add notes

Slide 1 of 12

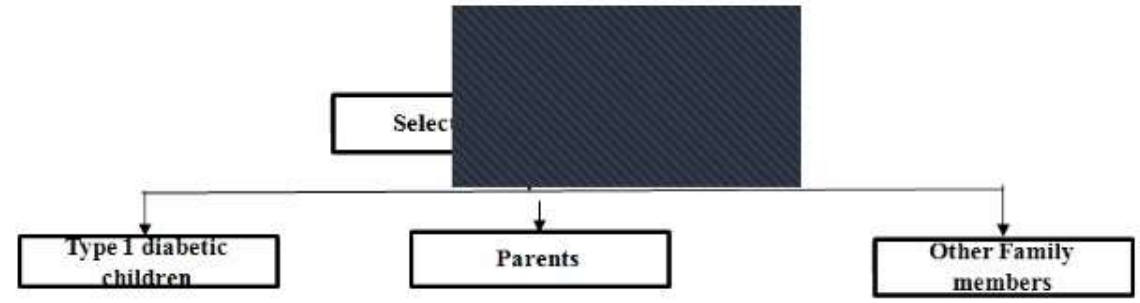
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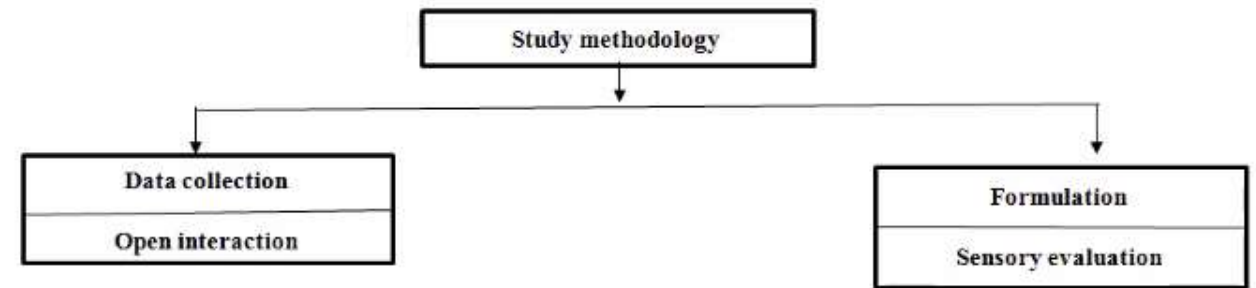


### III. STUDY DESIGN

Phase I



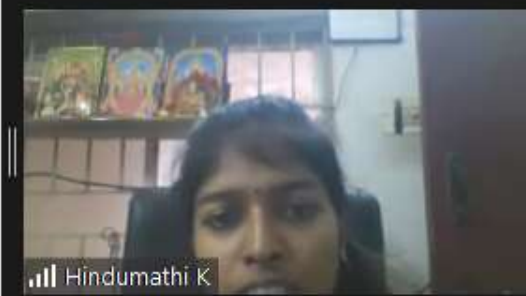
Phase II



Phase III

**Analysis**

Statistical analysis	Sensory evaluation
Percentage	Descriptive Rating Test



**Virtual**  
**GLOBAL CONGRESS ON SUSTAINABLE GROWTH AND DEVELOPMENT - 2022**  
**HEALTH AND LIFE SCIENCES (GCSGD2022-HLS)**



**25 & 26 November 2022**

**HALOGENATION EFFECT ON PNA BASE PAIRS – A DFT APPROACH**

**Advisors:**

**Prof. Ling Shing Wong**  
 Life Science Division  
 Faculty of Health and Life Sciences  
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**Prof. Sinouvassane Djearamane**  
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**Presented by**  
**K. INDUMATHI**  
 Ph. D scholar  
 Department of Physics  
 PSGRCW  
 Coimbatore  
 INDIA





View



Sharolynne

Sharolynne



Dr. Lavanya Prathap

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Zoom user cnuajeet@outlook.com

Poornimasethu...

Poornimasethupathi

pranav.a

Unmute

Start Video

Participants 11

Chat 3

Share Screen

Record

Show Captions

Breakout Rooms 3

Reactions

Leave Room





View

Sharolynne

Sharolynne



Dr. Lavanya Prathap



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neurogenesis

neurogenesis

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Participants 10

Chat

Share Screen

Record

Show Captions

Breakout Rooms 2

Reactions

Leave Room



PSGR  
Krishnammal College for Women



# FREE RADICAL SCAVENGING ACTIVITY OF ANTHOCYANIN FROM FRUIT WASTES

## Presenter:

R. S. VENUSHA  
III BSc Botany,  
Department of Botany,  
PSGR Krishnammal College for Women,  
Coimbatore.



Dr. Lavanya Prathap

Sharolynne

Sharolynne



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Poornimasethu...

Poornimasethupathi



Venusha Rajasekar

neurogenesis

neurogenesis



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Participants 10



Chat



Share Screen



Record



Show Captions



Breakout Rooms 1



Reactions

Leave Room



POTENTIAL USE OF *PHYLLANTHUS*  
*EMBLICA* EXTRACTS AGAINST  
BETA-LACTAMASE PRODUCING BACTERIAL  
ISOLATES IN SHRIMP

Abstract ID A22063



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Participants 10



Chat



Share Screen



Record



Show Captions



Breakout Rooms 1



Reactions

Leave Room



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Sharolynne



Dr. Lavanya Prathap



Sinouassane Djearamane



Venusha Rajasekar



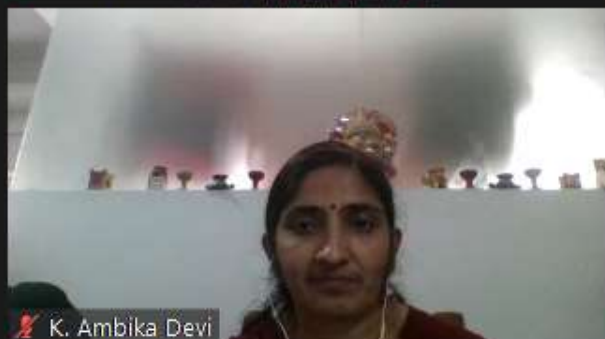
Mariam Ali KKI Mohamed Ali



OPPO F19s



Salma -



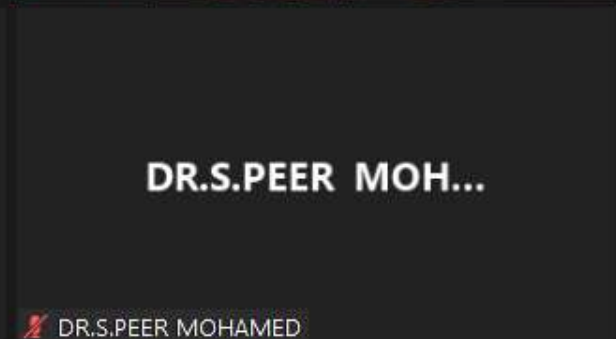
K. Ambika Devi



neurogenesis



Julia Agasaro



DR.S.PEER MOHAMED

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Sharolynne

Dr. Lavanya Prathap

VIRTUAL GLOBAL CONGRESS ON SUSTAINABLE GROWTH & DEVELOPMENT 2022 – HEALTH AND LIFE SCIENCES (VGLS2022-HLS)  
15 to 26 NOVEMBER 2022

ORGANIZERS

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**VIRTUAL GLOBAL CONGRESS ON SUSTAINABLE GROWTH & DEVELOPMENT 2022 – HEALTH AND LIFE SCIENCES (GCSGD2022-HLS)**  
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Dr. T.S. Mohamed Saleem



**VIRTUAL GLOBAL CONGRESS ON SUSTAINABLE GROWTH & DEVELOPMENT 2022 – HEALTH AND LIFE SCIENCES (GCSGD2022-HLS)**  
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S. Neelakandan D. Subramanian



**VIRTUAL GLOBAL CONGRESS ON SUSTAINABLE GROWTH & DEVELOPMENT 2022 – HEALTH AND LIFE SCIENCES (GCSGD2022-HLS)**  
 DATE: 25 to 26 NOVEMBER 2022

Karra Rajesh



Hemarouhini Subramaniam



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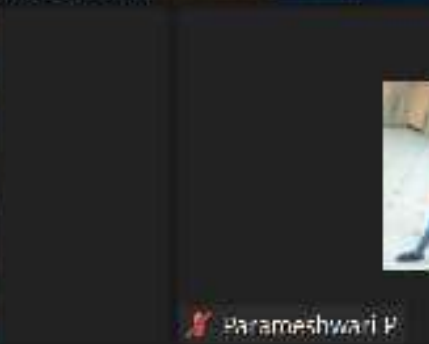
K. Nishal Singh



Agalya S.

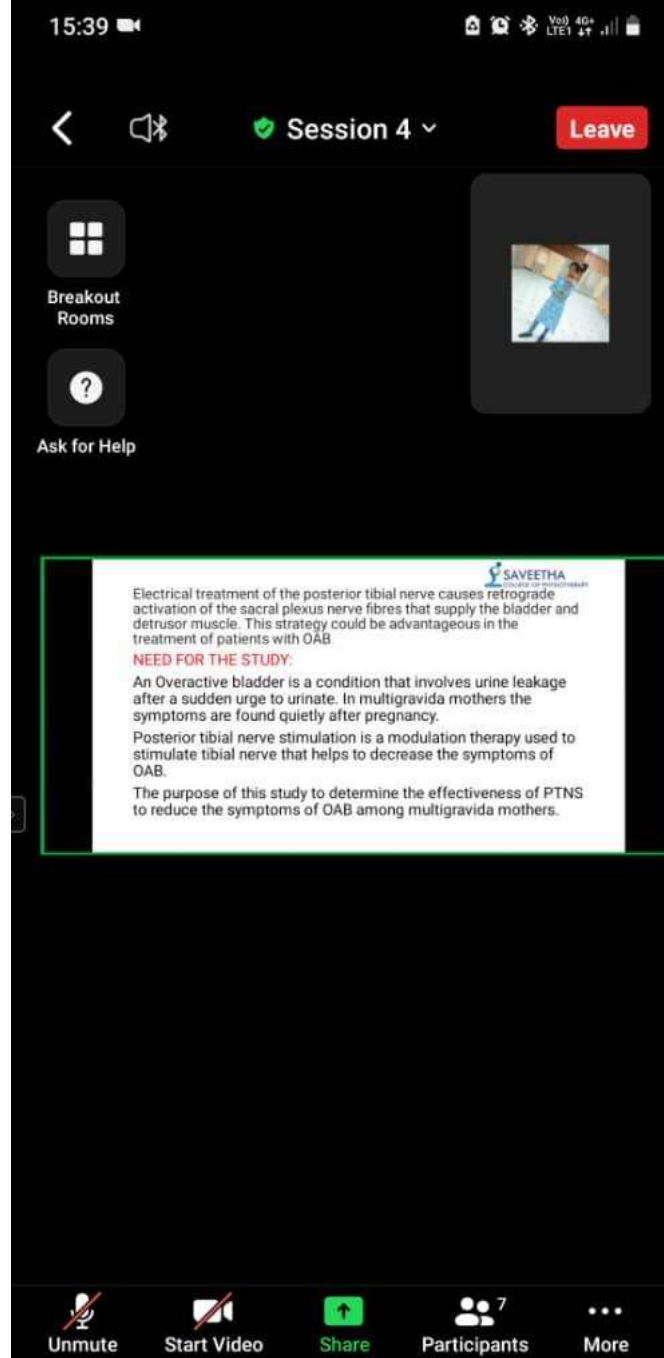


Nilavan I.



Parameshwari P.





VIRTUAL GLOBAL CONGRESS  
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ORGANIZERS:

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ORGANIZERS:

YEE JIN WONG

VIRTUAL GLOBAL CONGRESS  
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ORGANIZERS:

Sinduvassane Djearamane

Maunata Ghorui

Dr. K. Ramana

K. Ambika Devi

Zi Yin Wong

Dr. Lai-Hock TEY (UTAR, Malaysia)



VIRTUAL GLOBAL CONGRESS  
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sookkengchang

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Dr. Lai-Hock, TEY (UTAR, Malaysia)



Dr. Geeta mehra

Dr. Geeta mehra

DR NARESH

DR NARESH

V

Vipra Sharma 00001338...

Pranam Sinha

Suresh Melamalai

Suresh Melamalai

Amrin B

## MATERIALS AND METHODOLOGY

- 10 g of neem and cinnamon powders were taken and added to 100 ml of distilled water
- This extract was heated at the heating mantel at 60 to 70 C temperature for 15 to 20 minutes .
- This crude extract was filtered using the filtered paper. To 30 ml of this aqueous extract 1 millimole of silver nitrate is added and further dissolved in 70 ml of distilled water .
- Further , this extract is centrifuged for 24 hours .
- After centrifugation of the aqueous extract and complete dispersion of the silver NPs .
- The anti microbial action of the silver NPs were analyzed using the well diffusion assay with three bacterial strains ( *S.Mutans* , *S.Aureus* , *Enterococcus faecalis* ) and one fungal strain ( *C.Albicans* ). Loading of the NPs was done at different concentration ( 25 ul, 50 ul, 100 ul ) , . The plates were incubated for 24 hours at 37C .
- The zones of inhibition were measured accordingly .





Pranam Sinha

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vinodhkumar physio

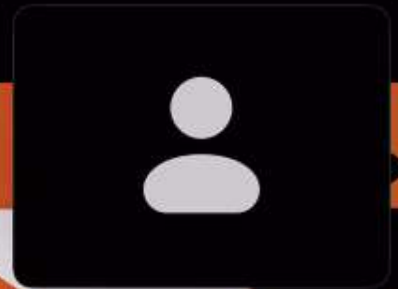
Suresh Melamalai  
Suresh Melamalai

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GCSGD2022  
GCSGD2022

ANTI-DIABETIC PROPERTIES OF CINNAMON & CLOVE HERBAL FORMULATION

PRESENTER NAME : PRANAM SINHA  
1<sup>ST</sup> YEAR BDS STUDENT  
SAVEETHA DENTAL COLLEGE AND HOSPITALS, SIMATS, CHENNAI, INDIA - 600077





Pranam Sinha

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Suresh Melamalai

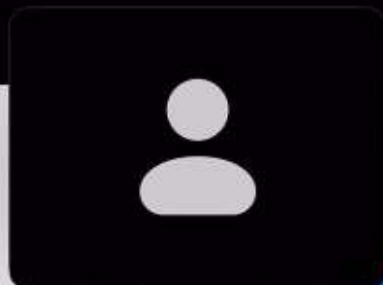
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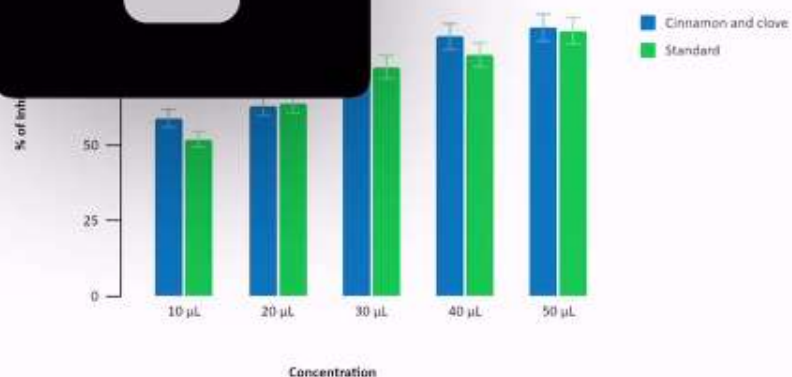
vinodhkumar physio

Dr. Geeta mehra

Dr. Geeta mehra



## Antidiabetic - Glucosidase



- Both  $\alpha$ -amylase and glucosidase are sugar bases and considered to assess anti-diabetic properties.

- Both graph represents the standard base having protective effect and reduces glucose percentage or activity.

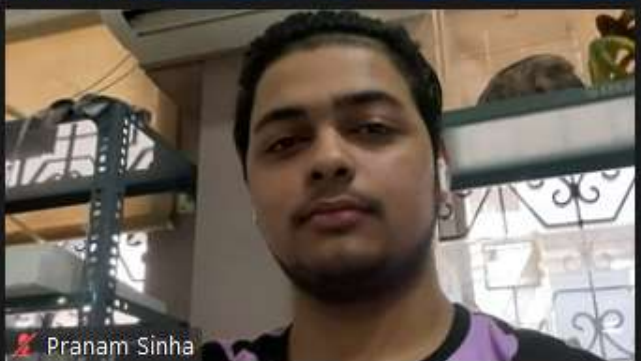
- In comparison to the standard drug, clove and cinnamon is observed to have detectable protective effects in a dose-dependent manner

For the  $\alpha$ -glucosidase test, 10µl inhibition was at 50% and peaked at 80% inhibition for 50µl concentration. With increasing concentration of extract, inhibition percentage also increased, a positive confirmatory test.

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ORGANIZERS:

DR. NARESH



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Sinouassane Djearmane



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Harshyini



Dr. Geeta mehra



Pranam Sinha



Suresh Melamalai

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Sinouassane Djearmane



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