



# SRINIVASAN COLLEGE OF ARTS AND SCIENCE

(AFFILIATED TO BHARATHIDASAN UNIVERSITY, TRICHY)

PERAMBALUR – 621 212



## DEPARTMENT OF BIOTECHNOLOGY & BIOLEKA ASSOCIATION REPORT

**A brief report of International Webinar Series Contemporary Sciences-2021 on COVID ASSOCIATED INFECTIONS Organized by Department of Biotechnology in Association with BIOLEKA, Srinivasan College of Arts and Science, Perambalur on 17<sup>th</sup> August 2021 at 10:30am.**

With the generous support from the Management, administrators of our college, Department of Biotechnology has organized an International Webinar Series Contemporary Sciences-2021 on COVID ASSOCIATED INFECTIONS on 17<sup>th</sup> August 2021 at 10:30am. Around 210 participants comprising of Associate and Assistant Professors, Research Scholars, Industrialist, Students of Undergraduate and Postgraduate from various Universities, Colleges and Industries participated in the webinar. The webinar started with the open remark of Welcome Speech by **Dr. C. MUTUHSAMY**, Head & Assistant Professor, Department of Biotechnology, Srinivasan College of Arts and Science, Perambalur. **Dr. N. VETRIVELAN**, Principal and **Prof. G. RAVI**, Vice Principal, Srinivasan College of Arts and Science, Perambalur, felicitated the event with the blessing words of honor. **Prof. R. RAMYA**, Assistant Professor, Department of Biotechnology, Srinivasan College of Arts and Science, Perambalur Introduced the chief guest and called to carryover the sessions.

**Dr. ASHOK GNANASEKARAN**, Associate Professor, Department of Microbiology, Faculty of Medicine, Director, Centre for Infectious Diseases and Phytochemical Studies, Quest International University Perak Ipoh, Perak, Malaysia, in his presentation explained Immunomodulatory aspects of plants that involves in recovery of COVID infected patients. He further highlighted the importance of Cytokinins and MHCs in Immune response.

Later **Dr. A. GANESH KUMAR ANBAZHAGAN** Associate Professor, Department of Microbiology, Hindustan College of Arts & Science, Padur, OMR, Chennai - 603 103, briefed the COVID Associated Mucormycosis (Black Fungus) in detail he also highlighted the importance of SOPs to be followed during COVID pandemic.

Both the chief guest responded the queries raised by the participants.

Finally, **Prof. S. MATHANKUMAR**, Assistant Professor, Department of Biotechnology, Srinivasan College of Arts and Science, Perambalur bid vote of thanks.

## SCHEDULE

Program: **International Webinar Series “CONTEMPORARY SCIENCE – 2021”**

On

**“COVID ASSOCIATED INFECTIONS”**

Organizer : **Department of Biotechnology, SCAS, Perambalur.**

Date : **17<sup>th</sup> August 2021 (Tuesday)**

Time : **10:30am onwards**

Platform : **Zoom Cloud Meeting Application**

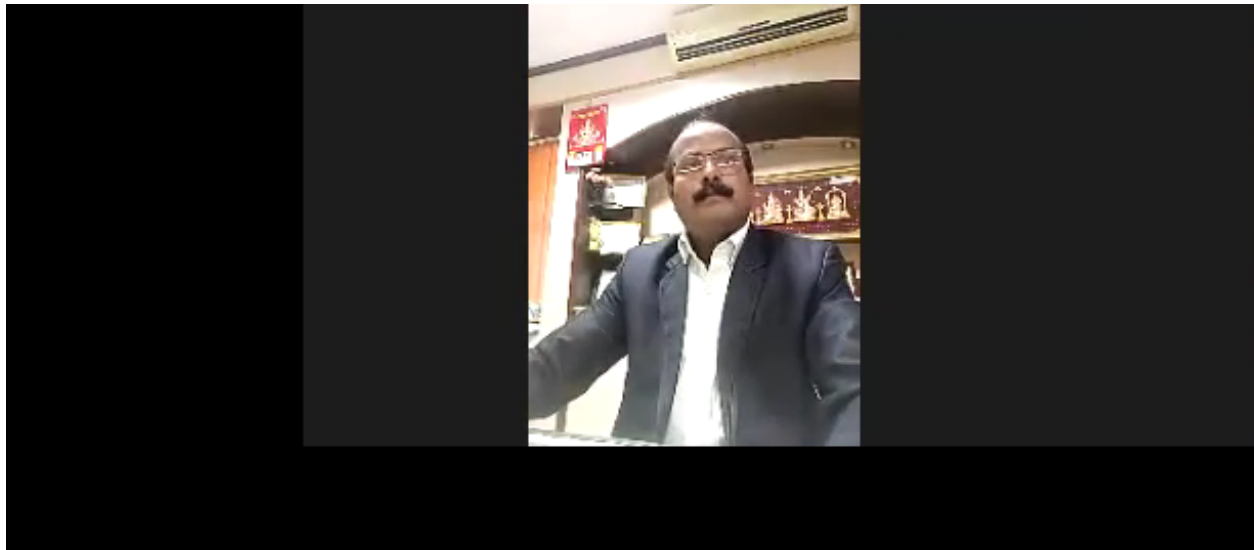
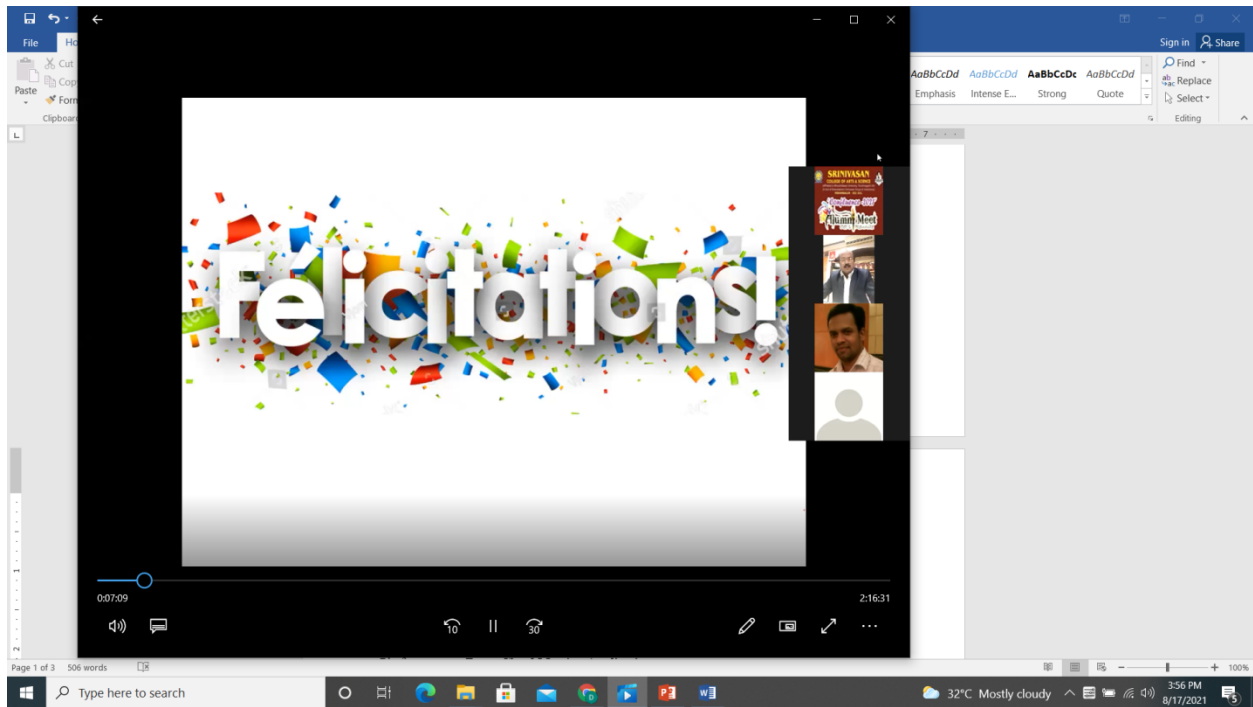
Moderator : **Mr. MATHANKUMAR S, AP, Dept. of Biotech. SCAS, PBLR.**

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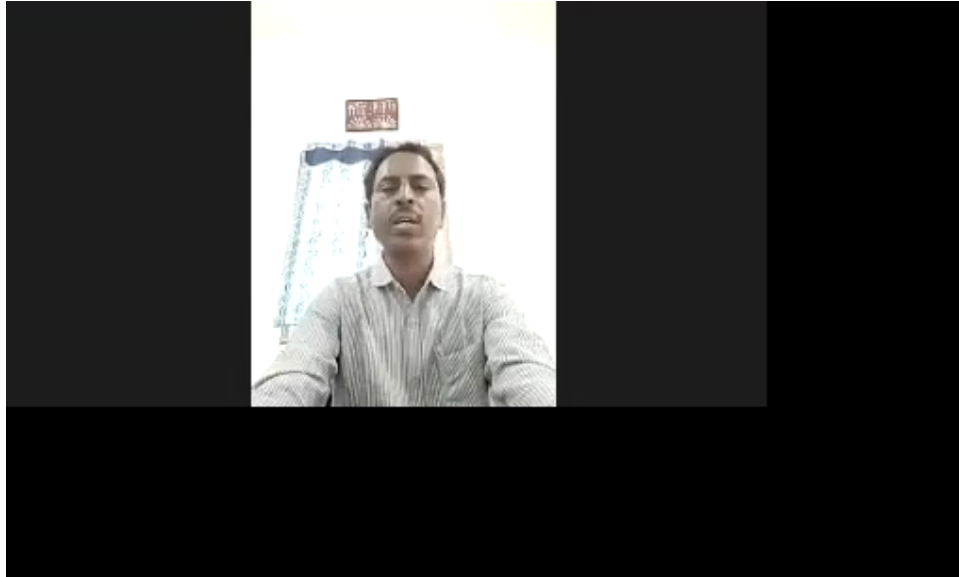
<b>Time Slot</b>	<b>Event</b>	<b>Resource Persons</b>
10:40 am	Welcome Address	Dr. MUTHUSAMY C Head & Asst. Professor Dept. of Biotechnology, SCAS, PBLR
10:45 am	Felicitation	<b>Prof. RAVI G</b> Vice Principal Srinivasan College of Arts and Science, PBLR <b>Dr. VETRIVELAN N</b> Principal Srinivasan College of Arts and Science, PBLR
11:00 am	Chief Guest Introduction	<b>Mrs. RAMYA R</b> Asst. Professor Dept. of Biotechnology, SCAS, PBLR
11:05 am	Scientific Session – I	<b>“Immunomodulation and Viruses”</b> <b>Dr. ASHOK GNANASEKARAN</b>
12:05 pm	Q&A Session	Participants & Chief guest
12:30 pm	Chief Guest Introduction	<b>Dr. MUTHUSAMY C</b> Head & Asst. Professor Dept. of Biotechnology, SCAS, PBLR
12:35 pm	Scientific Session – II	<b>“Is Black Fungus a Threat”</b> <b>Dr. GANESH KUMAR ANBAZHAGAN</b>
01:10 pm	Q&A Session	Participants & Chief guest
01:20 pm	Vote of Thanks	<b>Mr. MATHANKUMAR S</b> Asst. Professor Dept. of Biotechnology, SCAS, PBLR

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## Screen Shots of the Webinar Sessions



**Felicitations by Dr. N. VETRIVELAN Principal, SCAS**



## Felicitation by Prof. G. RAVI, Vice Principal, SCAS

Participants (205)

Find a participant

**Waiting Room (3)**

- 6 622750
- G Garuna
- SC Sneha C

**In the Meeting (205)**

- SCAS\_BIOTECHNOLOGY (Host, me)
- S Sathishkumar
- Dr. Vetrivelan nagarajan
- DESIGN
- 1jM5tpVHlv6rBxbUU\_601SAAAAABFBbmRyb2lkU2hhcmVfMjEx
- Aarthi Aarthi
- AG Aarthi G
- A AarthiA(U19BT002)
- A Abi
- A Abinath
- Afreen Rahman

1

Invite

**IMMUNITY**

Immunity may be defined as the ability of an animal's body to react to a foreign antigen and eliminate it, in the interest of the safety of the animal.

- IMMUNOMODULATORS
- IMMUNOMODULATION
- CYTOKINES
  - Proinflammatory cytokines are produced predominantly by activated macrophages and are involved in the up-regulation of inflammatory reactions.
  - The anti-inflammatory cytokines are a series of immunoregulatory molecules that control the pro-inflammatory cytokine response. Cytokines act in concert with specific cytokine inhibitors and soluble cytokine receptors to regulate the human immune response.

**Innate Immunity**

**Adaptive Immunity**

Macrophage, Neutrophil, Eosinophil, Basophil, B Cell, Antibodies, Natural Killer T Cell, T Cell

02:45:22 1:58:48

**Dr. ASHOK GNANASEKARAN Presentation**

**Sea of Change**

Case (C)

Cold (C)

Corona (C) Covid (C) Contamination (C)

Confirmed (C) Cure (C) Confinement (C)

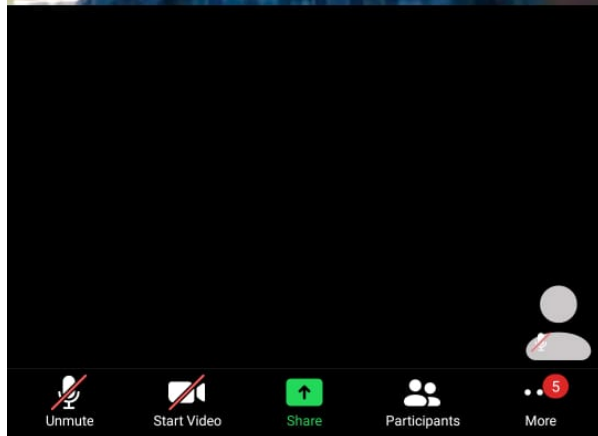
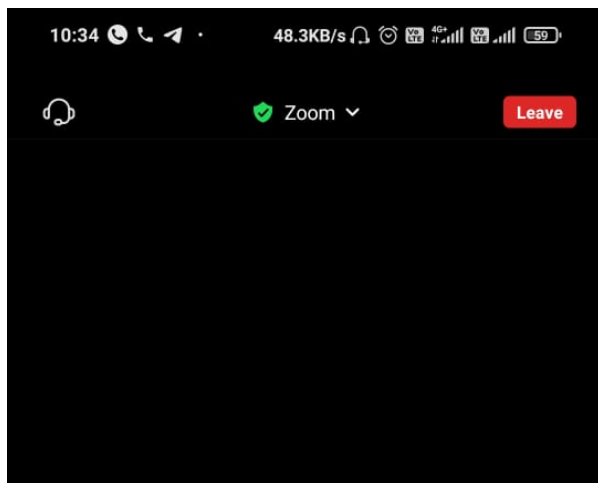
Cremation (C) China (C) Covaxin (C)

Covishield (C)

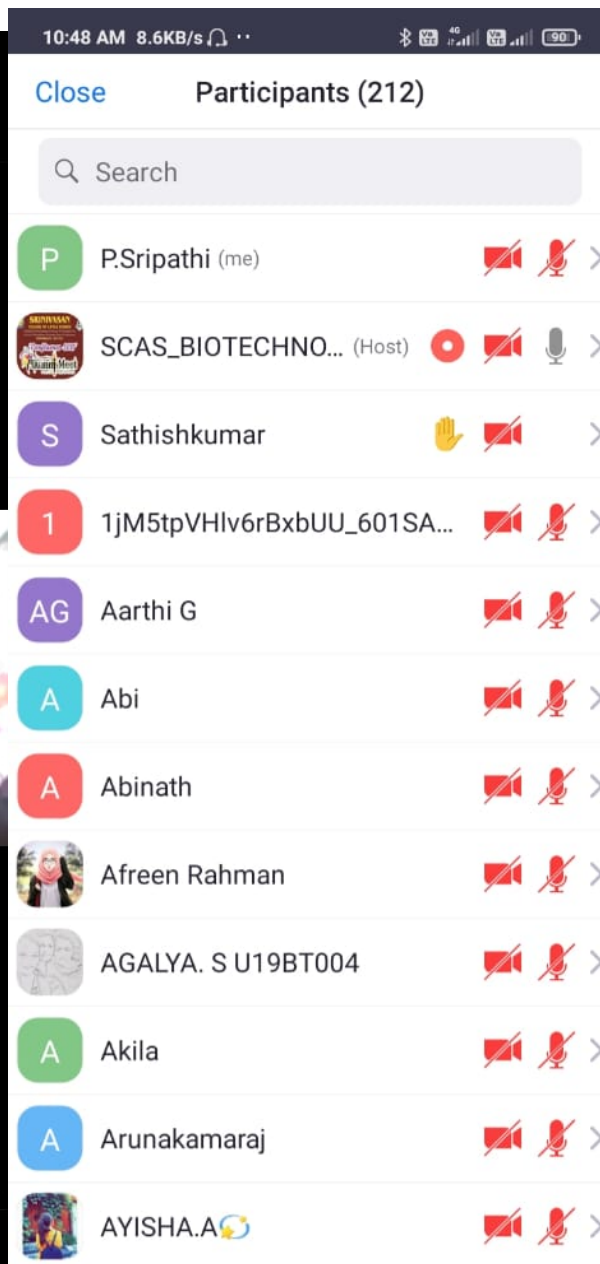
Vitamin C

1:33:54 0:49:46

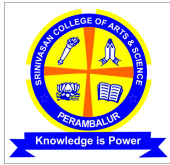
**Dr. GANESHKUMAR ANBAZHAGAN Presentation**



**Welcome Address by  
Dr. MUTHUSAMY, HOD, DBT, SCAS**



**Total No. of Participants**



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# SRINIVASAN COLLEGE OF ARTS & SCIENCE

(Affiliated to Bharathidasan University, Tiruchirappalli)

PERAMBALUR - 621 212



## Department of Biotechnology

in Association with

# Bioleka



Organises *International Webinar* series **Contemporary Sciences-2021**

on

## "Covid Associated Infections"

Date :17<sup>th</sup> August 2021 ♦ Time : 10.00a.m. to 12.00p.m.



Dr. **ASHOK GNANASEKARAN**

Associate Professor & Director,  
Centre for Infectious Diseases and Phytochemical Studies  
Quest International University Perak Ipoh, Perak, Malaysia.



Dr. **GANESH KUMAR ANBAZHAGAN**

Associate Professor, Department of Microbiology  
Hindustan College of Arts and Science,  
Kelambakkam, Chennai, Tamilnadu, India

To register click  <https://forms.gle/3ZefN6yAEPMeHrir6>

Free Registration

E-Certificate will be provided



For Queries contact:  
9952240648 & 9944131612

Dr. C. Muthusamy  
Head, Biotechnology  
Organizing Secretary

Prof. G. Ravi  
Vice Principal

Dr. N. Vetrivelan  
Principal