



Sanjivani Rural Education Society's  
Sanjivani Arts, Commerce and Science College,  
Kopargaon  
At: Sahajanandnagar, Post: Shingnapur,  
Tal Kopargaon,  
Dist: Ahmednagar Pin: 423603 (M.S.) India



## Activity Report

On

*"International Webinar Series-22-23*

*"The potency of *Streptomyces thermocarboxydus* to combat *Fusarium oxysporum* the cause of leaf rot disease on *Aloe barbadensis* Mill in Bali"*

*Department of Microbiology, Sanjivani Arts Commerce and Science College, Kopargaon, in association with Microbiologist Society India, organized an International Webinar on "The potency of *Streptomyces thermocarboxydus* to combat *Fusarium oxysporum* the cause of leaf rot disease on *Aloe barbadensis* Mill in Bali", on Tuesday, 11/10/2022 11.00 AM IST.*

### About the Event:

Department of Microbiology, Sanjivani Arts Commerce and Science College, Kopargaon, in association with Microbiologist Society India, organized an International Webinar on "The potency of *Streptomyces thermocarboxydus* to combat *Fusarium oxysporum* the cause of leaf rot disease on *Aloe barbadensis* Mill in Bali", on Tuesday, 11/10/2022 11.00 AM IST. The session was organized on Zoom app.

**Prof. Dra Retno Kawuri, Biology Department, Faculty Mathematics and Natural Sciences, Udayana University, Bali, Indonesia** served as a **Resource Person** for this webinar. In her talk she explained that leaf rot disease was found in five different districts in Bali and the cause was *Fusarium oxysporum*. It was found in her research that several streptomyces isolates were able to inhibit the growth of fungus and it was compared with synthetic fungicide Mancozeb and concluded that treatment of *S. thermocarboxydus* is effective to inhibit the growth of leaf rot disease.

More than **200** participants (130 offline on one screen and 70 attended the webinar online on zoom meeting from India as well as abroad.

The main **aim** behind organizing the event was to provide students with the knowledge on effectiveness of *Streptomyces thermocarboxydus* culture on against *Fusarium oxysporum* which cause leaf rot disease on *Aloe barbadensis* Mill plants.

### Outcome of Webinar:

Students got knowledge about the potency of *Streptomyces thermocarboxydus* to combat *Fusarium oxysporum* the cause of leaf rot disease on *Aloe barbadensis*.

### Attached:

- Flyer of the Event





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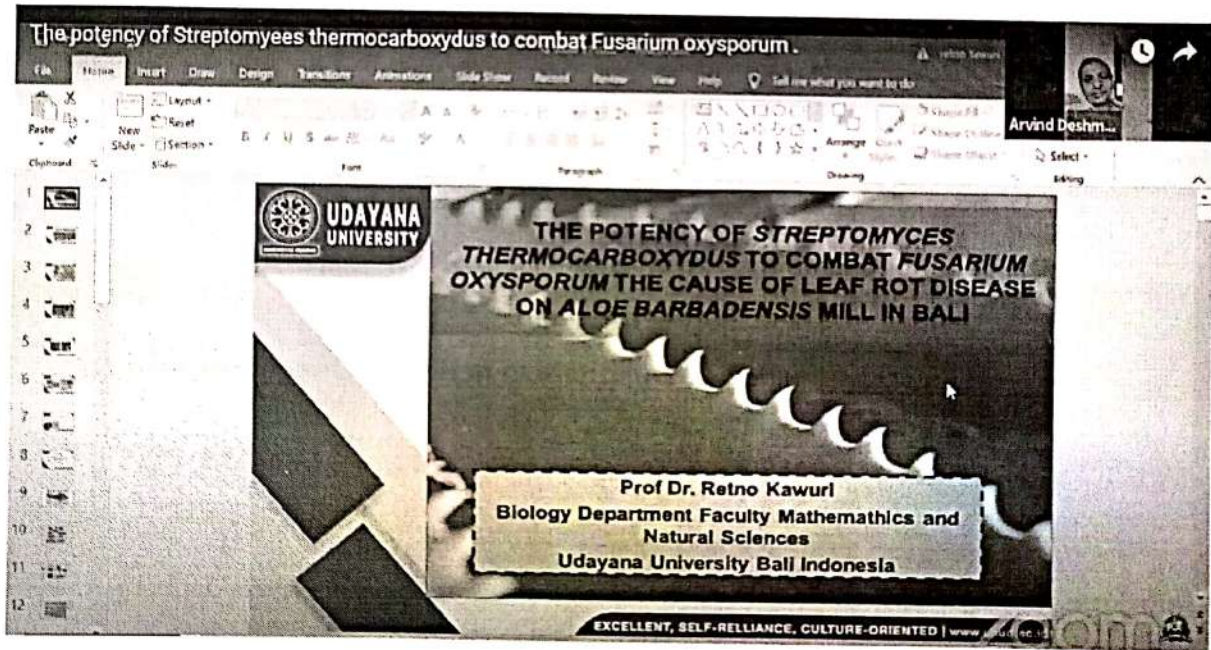


- Photos
- Certificate copy
- Link for video
- Registration sheet

YouTube link for recorded session of International webinar:  
<https://youtu.be/l61Ti9iu6M0>



Photos of online zoom session:



*Shubra*  
(HOD)

*[Signature]*  
PRINCIPAL  
Sanjivani Arts, Commerce &  
Science College, Kopargaon

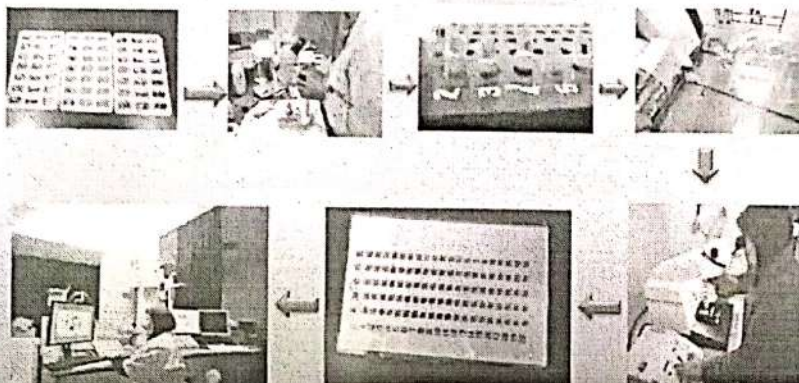


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The potency of *Streptomyces thermocarboxydus* to combat *Fusarium oxysporum*.

### TEM preparation



Zoom

The potency of *Streptomyces thermocarboxydus* to combat *Fusarium oxysporum*.



Press Esc to exit full screen



Thank you for  
Prof Nitta Youji  
Prof Naomi Asaghi  
Dr Takashi Homma  
Dr Namekawa  
All Crop Production member Ibaraki University, Ami Japan



Zoom





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SANJIVANI GROUP OF INSTITUTE'S  
**SANJIVANI ARTS, COMMERCE AND SCIENCE COLLEGE,  
KOPARGAON (MAHARASHTRA), INDIA**

**International Webinar**  
On  
**"The potency of *Streptomyces thermocarboxydus* to  
combat *Fusarium oxysporum* the cause of leaf rot  
disease on *Aloe barbadensis* Mill in Bali"**

Resource Person





**Prof. Dr. Dra Retno Kawuri M.Phil**  
Biology Department  
Faculty Mathematics and Natural Sciences,  
Udayana University, Bali, Indonesia


**Tuesday,  
11<sup>th</sup> October, 2022**  
**11.00AM IST**

**zoom**

Coordinators  
Ms. Nagarkar R. D. Ms. Mantala L. M.  
Ms. Pawar J. S. Miss. Gavhale S. K.

Organising Secretary Dr. Sarita A. Bhutada	Convenor Dr. S. B. Dahikar	
Patron Dr. A. M. Deshmukh President. Microbiologist Society, India	Patron Shri. Sumitdada N. Kolhe Trustee. Sanjivani Group of Institute	Patron Shri. Amitdada N. Kolhe Managing Trustee. Sanjivani Group of Institute

Flyer of Webinar

