#### Webinar Report

# LEARNING SECRETS OF LONGEVITY FROM A HUMBLE NEMATODE (Date: 30th July 2021)

Time: 3:45 pm onwards

Organized by: Maitreyi College, University of Delhi, New Delhi. In collaboration with: National Institute of Immunology, New Delhi

Under the aegis of: Science Setu

No. of participants: 105.

Maitreyi College under the aegis of Science Setu, organized a National Webinar on 'LEARNING SECRETS OF LONGEVITY FROM A HUMBLE NEMATODE' to celebrate the 'Azadi ka Amrit Mahotsav'. The event was organised in commemoration of the 75th Anniversary of Indian Independence. The Speaker of the session was Dr. Arnab Mukhopadhyay, Staff Scientist-VI, National Institute of Immunology, New Delhi. The aim of the webinar was to explore the importance of nematodes as typical organisms and their role in understanding mechanisms of controlling age. A total number of 105 participants including students, faculty members, scientists through-out the country and abroad attended the webinar. It was organized through the Zoom App (Link: <a href="https://us06web.zoom.us/j/81009064404">https://us06web.zoom.us/j/81009064404</a>).

In the beginning of the event, Dr. Eapsa Berry, moderator of the event, invited Prof. Haritma Chopra, Principal, Maitreyi College for an inaugural and welcome note. Dr. Chopra has briefly explained how everyone gets fascinated by nematodes by seeing their activity and nature. The session was followed by Dr. Mukhopadhyay's presentation. He explained in detail about the control mechanism of ageing by genetic mode and cell signaling pathway of selective dietary restrictions, important roles of Vit-B12, vegetarian diet, and many more factors responsible for the same. Lastly, the quiz prepared by session expert was shared among participants. The feedback and responses received revealed that the webinar was highly informative and interesting. Dr. Arnab also had healthy discussion with students and he invited interested students to give training in his lab. It generated great enthusiasm among the students. The session completed successfully with a vote of thanks from Dr. Anamika Singh, Convenor of event.

E-certificates were distributed to the participants who attended the event.

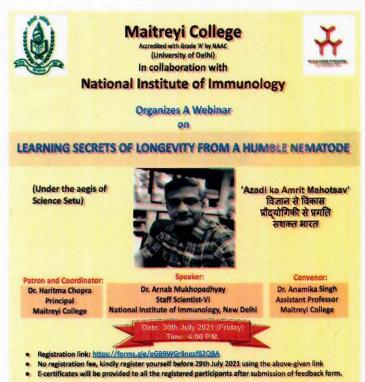
**Organizing Committee:** Dr. Jyoti Singh, Dr. P. Kavita, Dr. Geeta Pandey, Dr. Pawan Kumar Sharma, Dr. Savvy Mishra, Dr. Eapsa Berry and Dr Tejendra Kumar.

Submitted by:

Dr Anamika Singh

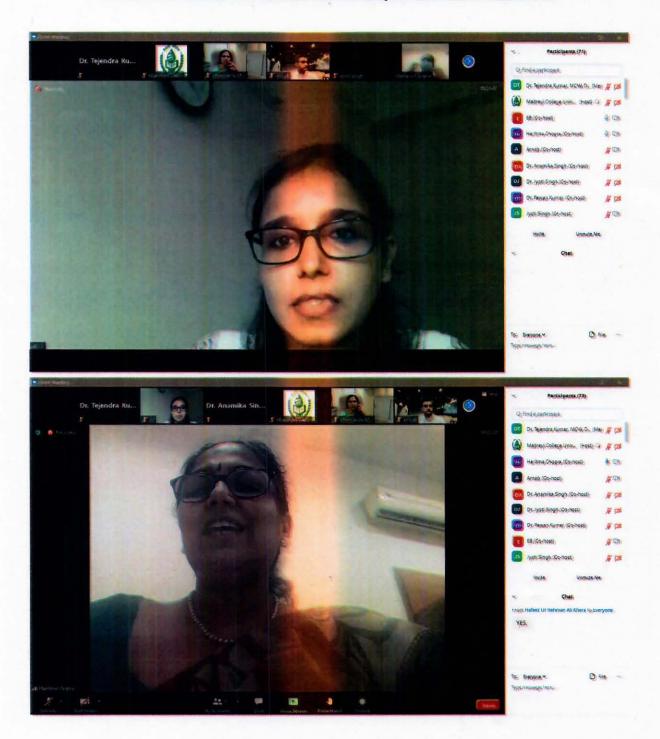
(Convener)

Science Setu Unit, Maitreyi College University of Delhi, New Delhi





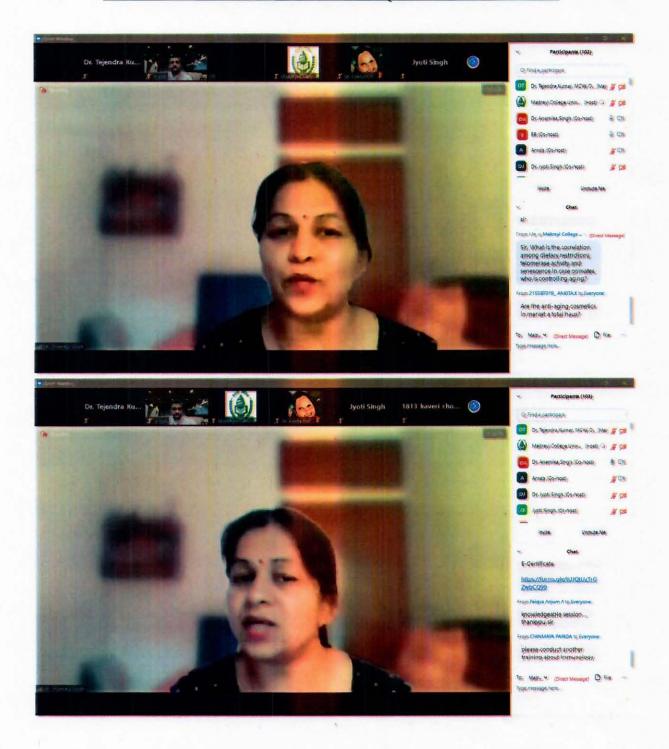
# 'Azadi ka Amrit Mahotsav' - विज्ञान से विकास - प्रौद्योगिकी से प्रगति - सशक्त भारत



### 'Azadi ka Amrit Mahotsav' - विज्ञान से विकास - प्रौदयोगिकी से प्रगति - सशक्त भारत



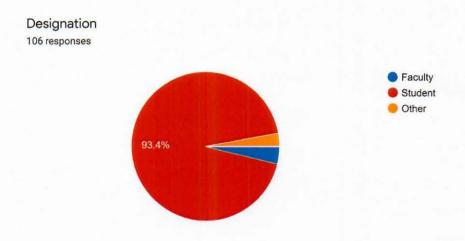
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## Yins and Yangs of an Infectious Disease Date of Event:29th October 2021 Organised By:Science Setu, Maitreyi College

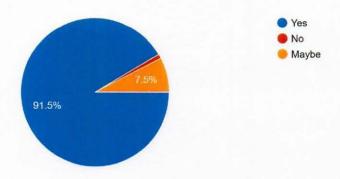
Name of the Resource persons: Dr.Krishnamohan Atmakuri,Dr. Tripti Shrivastava, Dr Pramod Kumar and Dr. Suprit Deshpande. Number of participants: 106

Science Setu organized a webinar on "Yins and Yangs of an Infectious Disease" on 29th October 2021. The webinar aims to bring together academicians, researchers and students and provide them an opportunity to know more about infectious diseases. A total of 106 participants including faculty, research scholars, students across India attended the conference. Out of that 93,4% were students and the remaining 6.6 % were Faculty and Research scholars.



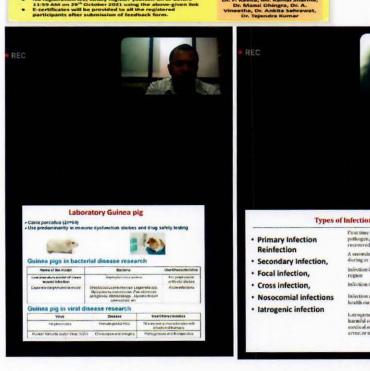
The speaker Dr.Krishnamohan Atmakuri gave a general introduction about infectious diseases. Other speakers Dr. Tripti Shrivastava, Dr Pramod Kumar and Dr. Suprit Deshpande spoke about Types of infection, mechanism of viral entry, infectious disease control and prevention, vaccine, how does vaccine work, covid 19 vaccine effective against variants, mutation Deciding effectiveness of vaccines, multi epitope self nanoparticle based vaccine platform, impact of Antibiotic resistance, Alternatives for Antibiotics and its therapy, Animal model for viral disease research, non- human primates etc... Students were very much interested and asked their questions and clarify their doubts. Finally we collected feedback from participants.

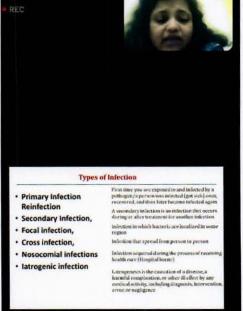
Would you like to attend such a webinar in the future? 106 responses

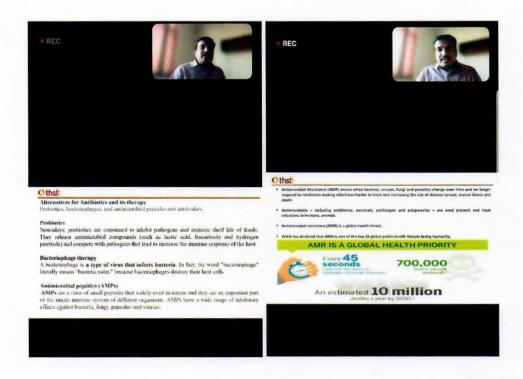


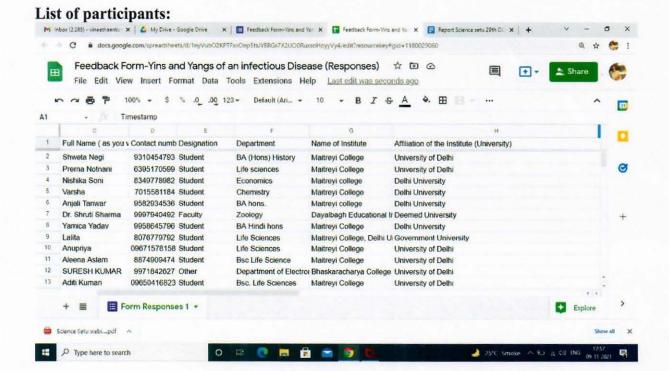
Few photographs have taken during webinar as follows:



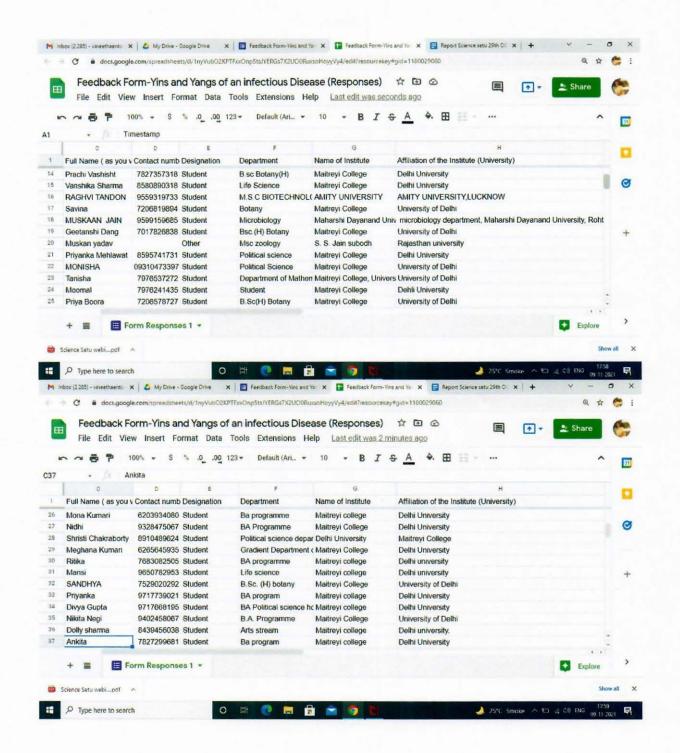


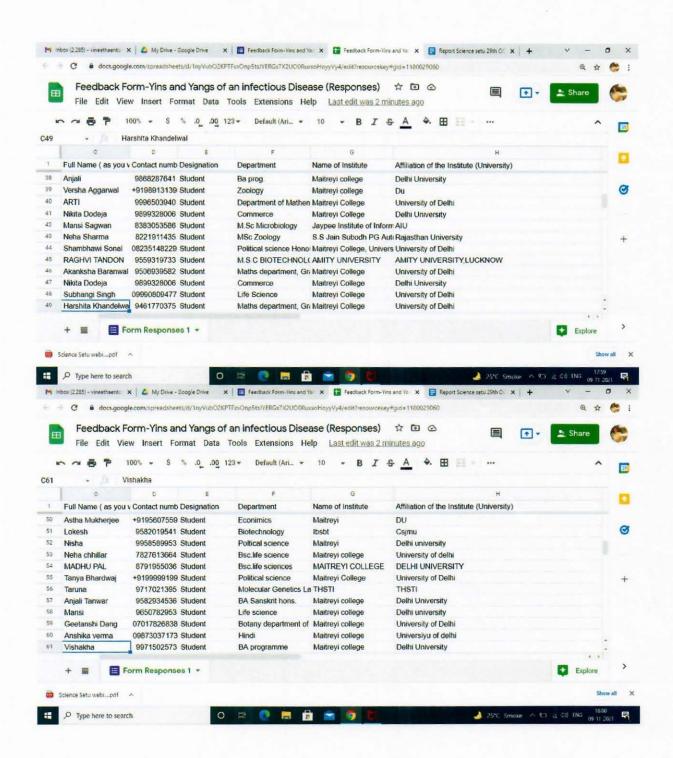


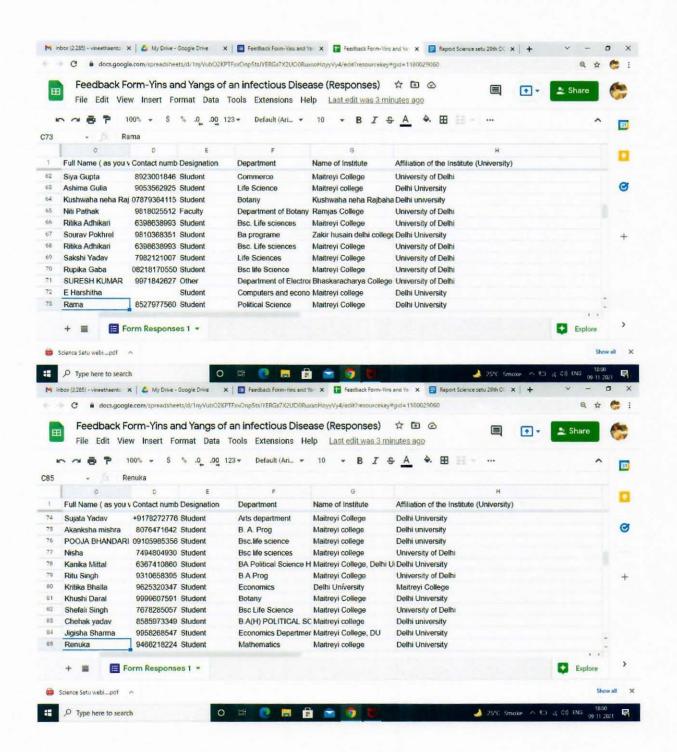




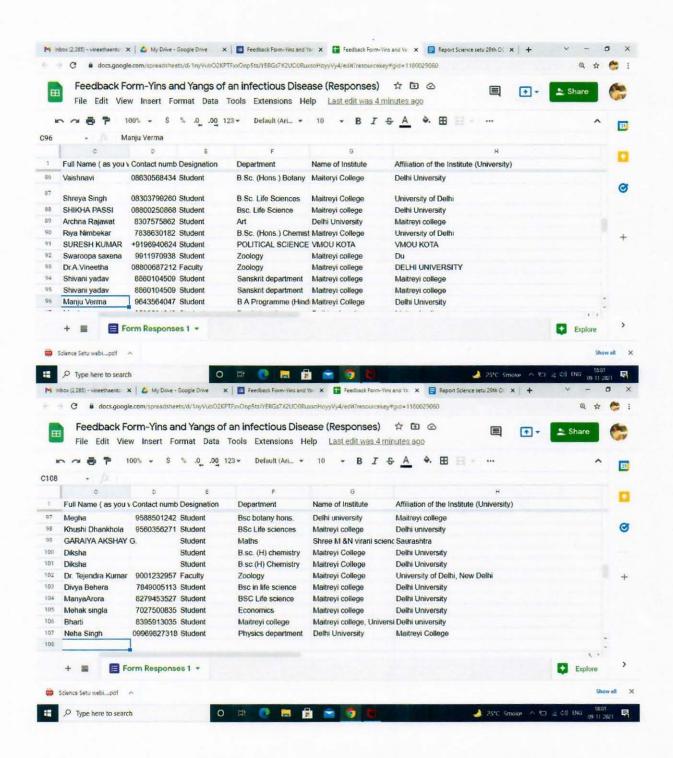
Dr. Ananika Singh (comene) Science Selti







Ananihaligh



Signature Name of convenor society name