

HANSRAJ COLLEGE University Of Delhi NAAC Grade A+ with CGPA 3.62

## 2020-2021

## Name of the Department/ Society: Shristi Chetna

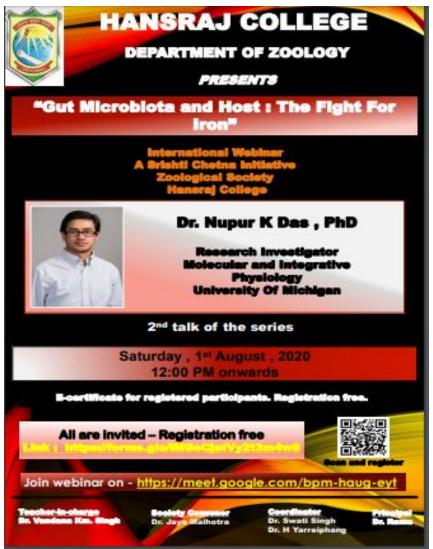
**Name of the Event 5:** Gut microbiota and host: the fight for iron –International webinar **Date of the Event:** 1<sup>st</sup> August, 2020

On 1st August 2020, Srishti Chetna organized an International Webinar on the topic "Gut Microbiota and Host : The Fight for Iron". The Speaker of the event was Dr. Nupur Das, Research Investigator, Molecular and Integrative Physiology, University of Michigan The speaker started the session with a general introduction of Gut Microbiota , and how the relationship between some gut microbiota and humans is not merely commensal ,but rather a mutualistic relationship . He also explained the acquisition of microbiota in human infants, and how the establishment of gut

microbiota is crucial to the health of an adult, as well as the functioning of the gastrointestinal tract.

The important three key roles of micro biota, direct inhibition of pathogens, development of enteric protection and immune system and metabolism of indigestible compounds in food were also explained very nicely.

Having a look at the present conditions of Covid-19, the fact that improving gut microbiota profile by personalized nutrition and supplementation is known to improve the immunity and one can be of the prophylactic ways by which the impact of this disease can be minimized in old people and immune - compromised patients was the major point of attraction of the talk.. The webinar was conducted on google meet and attracted more than 100+ students



.The speaker also answered the queries of the students during the Q&A session and it was overall a very informative and interesting session.