Department of Biochemistry

2020-21

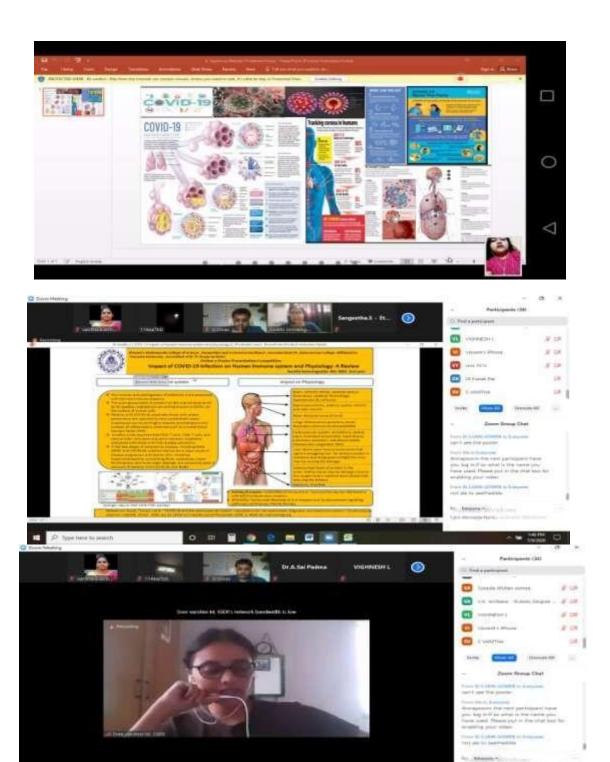
e-poster presentation competition

on

Impact of COVID-19 infection on human immune system and physiology 9th July, 2020

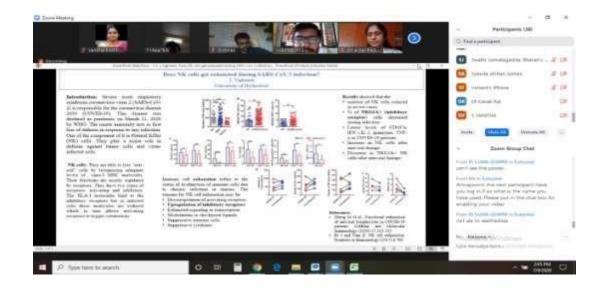
The department of Biochemistry organized an online e-poster presentation competition on 9-7-2020. The programme was organized on Zoom platform from 12.30 pm onwards. There was submission of posters from 36 candidates all over India that included Undergraduate, Postgraduate students and research scholars. Among them, 15 were shortlisted for online presentation based on the content and preparation of the slide. The e- posters were judged by eminent doctors, Dr.Devender Singh Negi, Prof & HOD of Physiology, Mediciti Hospitals, Ghanpur, Telangana state and Dr.S. Srinivas, Head, critical care, Virinchi Hospitals, Hyderabad. The selected 10 posters were given the order of merit and were given e-certificates. The participants were applauded by the judges for their good efforts in understanding the biochemical processes underlying COVID-19 infection and how it impacts the human immunity and physiology of the body. The feedback has shown that 100% participants have felt that this kind of competition will motivate and help them to learn the subject.

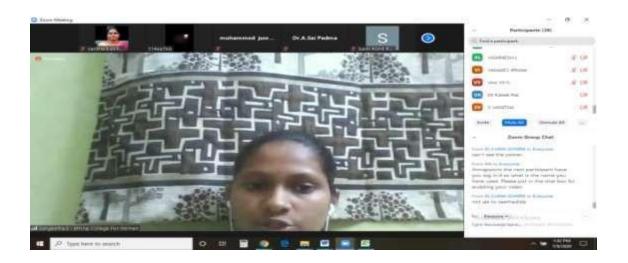


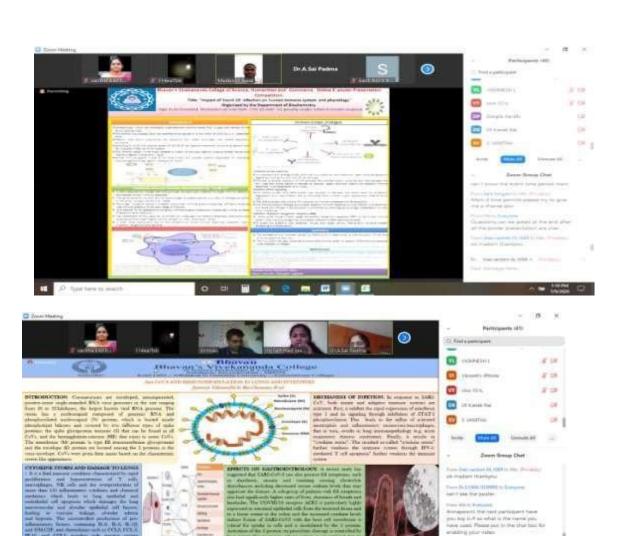


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Online Quiz on

"Immunization and Vaccines"

26th-27th May, 2020

Immunization is a global health and development success story, saving millions of lives every year. Vaccines reduce risks of getting a disease by working with our body's natural defenses to build protection. We now have vaccines to prevent more than 20 life-threatening diseases, helping people of all ages live longer, healthier lives. Immunization currently prevents 2-3 million deaths every year from diseases like diphtheria, tetanus, pertussis, influenza and measles. Immunization is a key component of primary health care and an indisputable human right. Vaccines are also critical to the prevention and control of infectious-disease outbreaks.

Immunization is a shared responsibility where families, health workers, and public health officials must work together to help protect the entire community. In order to create awareness on the significance of immunization and types of vaccines against a variety of diseases that can affect all of us and our families.

To bring awareness on the importance of immunization and vaccines among the student community, the department of Biochemistry has organized an online Quiz on "Immunization and Vaccines". Questions based on immunization and vaccines were created using Google form and circulated amongst the student and faculty communities of various institutions. The forms were made available for 24 hours to respond in large numbers. There were 229 responses with nearly 60% of the participants scoring more than 70%. e-certificates were issued to the deserving participants as a token of appreciation.

Link for the quiz:

https://docs.google.com/forms/d/1oJFq0WTEZ4VIC-7hk1Ghw-0LAAByCr8V 5x -338kPg/edit

Protective measures during COVID-19pandemic

Medical & Health Committee and Department of Biochemistry

The Department of Biochemistry has provided all the required support to the Medical & Health committee, BVC in maintaining a safe environment during COVID-19 pandemic in the campus. The department has taken care of arranging 1% hypochlorite continuously to use as disinfectant for sanitizing the whole campus and also arranged 5% dettol for cleaning the surfaces at the workplace and for door knobs, handles and metal benches. Isopropanol based hand sanitizer was prepared by staff members as per WHO guidelines and kept available for all the faculty in the campus and during exams for students also.

The department has stood up to the situation and has seen that campus is maintained with adequate sanitizing facilities.









2016-17

Two Day Model Presentation 9th and 10th of September 2016

The department of Biochemistry has conducted an event on display of various science models on 9th and 10th of September, 2016. This kind of exhibition will enhance the scientific temper amongst the students and provide an in-depth understanding of the concepts of biological processes. The models which were exhibited are related to different cellular mechanisms of living organisms. Students of B.Sc (M.Bi.C) 3rd year have taken part in this programme and displayed models on cardiac cycle, alpha helical structure of protein, membrane fluid mosaic model, organization of eukaryotic genome, DNAreplication, transcriptional elongation, signal transduction of insulin, erythroblastosis foetalis, biogas production and structure of plant cell. The exhibits displayed by the students were very educative and highly appreciative. Students and faculty of other streams have visited the models with great enthusiasm and tried to understand the mechanisms involved. Principal Prof.Y.Ashok had visited the models and appreciated the students for their active participation.

