Annexure II

SRI VENKATESWARA COLLEGE
(UNIVERSITY OF DELHI)

EVENT REPORT

NAME OF THE EVENT: Student-centric project- entitled "Combating SARS-CoV-2 using drugs and phytocompounds"			
DATE	**DEPARTMENT**	**COMMITTEE/SOCIETY**	**COORDINATORS NAME**
01.06.2021 to 30.12.2021	Zoology		Dr. Mansi Verma
TIME	**VENUE**	**NUMBER OF PARTICIPANTS**	**NATURE: Outdoor/Indoor; online/offline/hybrid**
05:00pm – 06:00 pm daily	Online	4	Indoor
FINANCIAL SUPPORT/ASSISTANCE (if any):	NA		

BRIEF INFORMATION ABOUT THE ACTIVITY

TOPIC/SUBJECT OF THE ACTIVITY	**Student-centric project- entitled "**Combating SARS-CoV-2 using drugs and phytocompounds"
OBJECTIVES	To train students for docking of molecules. To screen potential drugs and phytocompounds for docking.
METHODOLOGY	The research work was carried out in an online mode. The students used various bioinformatics tools including Open Babel GUI, UCSF Chimera 1.8.1, Pubchem, RCSB PDB, Swiss Model, ProCheck Saves 6.0, Discovery Studio, Molinspiration, Protox-II, SwissADME, Autodock Vina and Autodock 1.5.6 GROMACS 2018.3 for this study.
INVITED SPEAKERS WITH AFFILIATION DETAILS (IF ANY)	1. Dr. Olatomide A. Fadare Obafemi Awolowo University, Nigeria 2. Mr. Rajan Rolta Faculty of Applied Sciences and Biotechnology, Shoolini University Solan Himachal Pradesh, India

OUTCOMES	Four students from B.Sc. (H) Biochemistry got an opportunity to work on docking of drugs and phytocompounds. These students are now trained in all the above listed softwares.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1 Notice & Letters	2 Number of Participants & Name of participants ✔	3 Video clip	4 Photos ✔	5 Feedback Form & analysis
6 News clip with details	7 Sample Copy of the Certificate ✔	8 Posters/ Invites	9 Event report Attested by Event Coordinator & IQAC Coordinator	10 Any other document

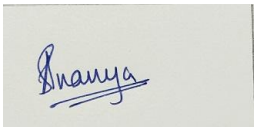
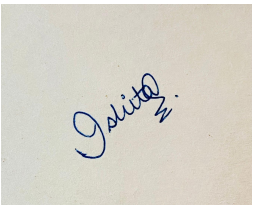
IQAC Document No: IQAC/SVC/2021-22/ZOOLOGY/05	Criterion No: I, III
Departmental file no: SVC/2021-22	IQAC file No: 2021-22

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Dr. Mansi Verma		

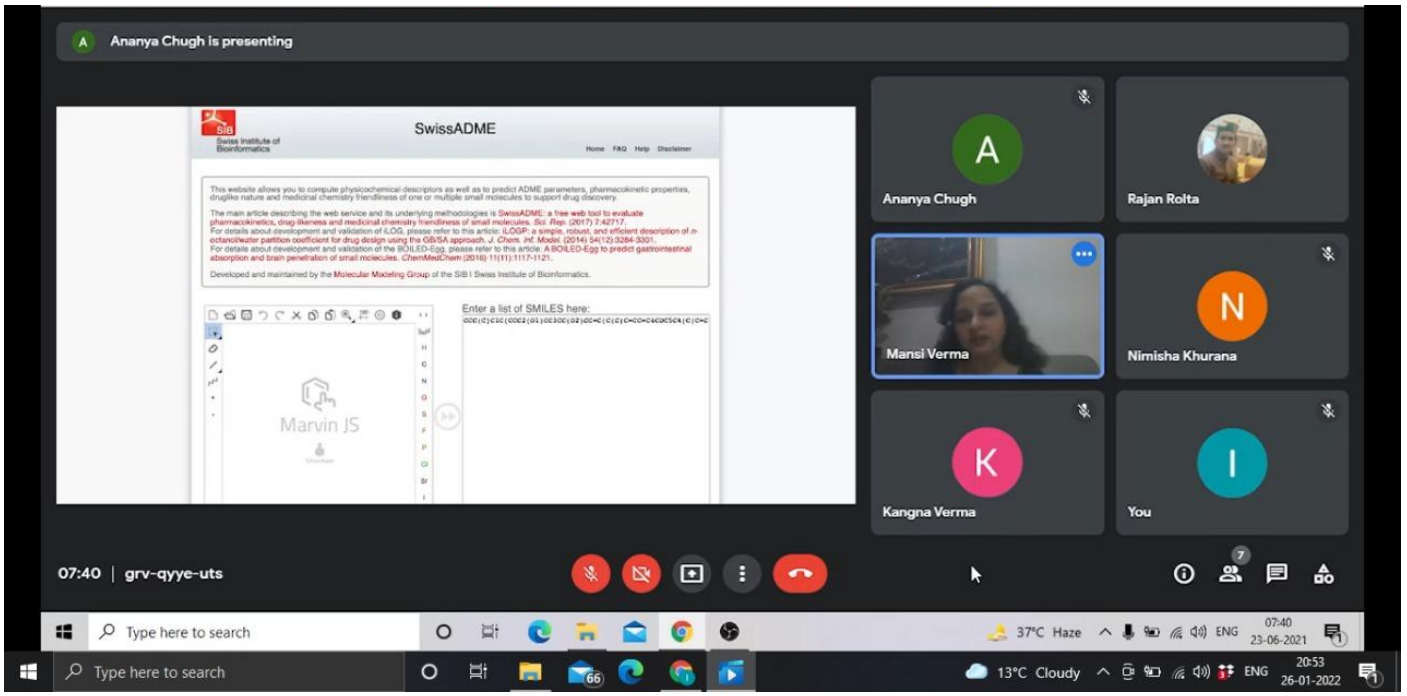
For Reference

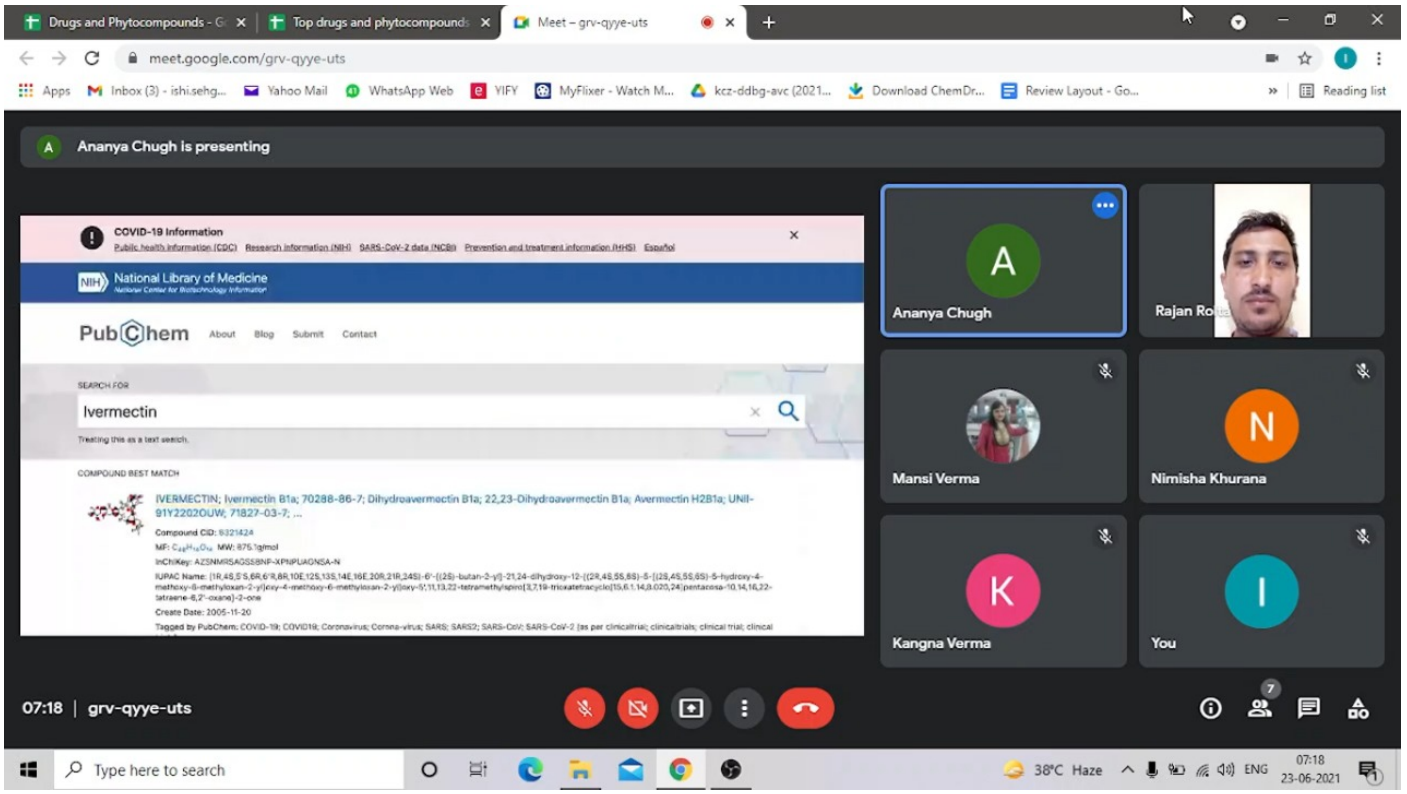
Criterion I	Curricular Aspects (planning & Implementation)		Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation		Criterion VI	Governance
Criterion III	Research, Innovations & Extension		Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure			

LIST OF ENROLLED STUDENTS

Picture	Name of student	Class	Roll no.	Signature
	Ananya Chugh	B.Sc. (H) Biochemistry	1219045	
	Ishita Sehgal	B.Sc. (H) Biochemistry	1219021	
	Kangna Verma	B.Sc. (H) Biochemistry	1219042	
	Nimisha Khurana	B.Sc. (H) Biochemistry	1219015	

PICTURES


Ananya Chugh is presenting
SwissADME
Marvin JS
Ananya Chugh
Rajan Rolta
Mansi Verma
Nimisha Khurana
Kangna Verma
You
07:40 | grv-qyye-uts
Type here to search
37°C Haze
ENG
07:40
23-06-2021
13°C Cloudy
20:53
26-01-2022


Drugs and Phytocompounds - G
Top drugs and phytocompounds
Meet – grv-qyye-uts
meet.google.com/grv-qyye-uts
Ananya Chugh is presenting
COVID-19 Information
National Library of Medicine
PubChem
Ivermectin
IVERMECTIN; Ivermectin B1a; 70288-86-7; Dihydroavermectin B1a; 22,23-Dihydroavermectin B1a; Avermectin H2B1a; UNII-91Y2202OUW; 71827-03-7; ...
Ananya Chugh
Rajan Rolta
Mansi Verma
Nimisha Khurana
Kangna Verma
You
07:18 | grv-qyye-uts
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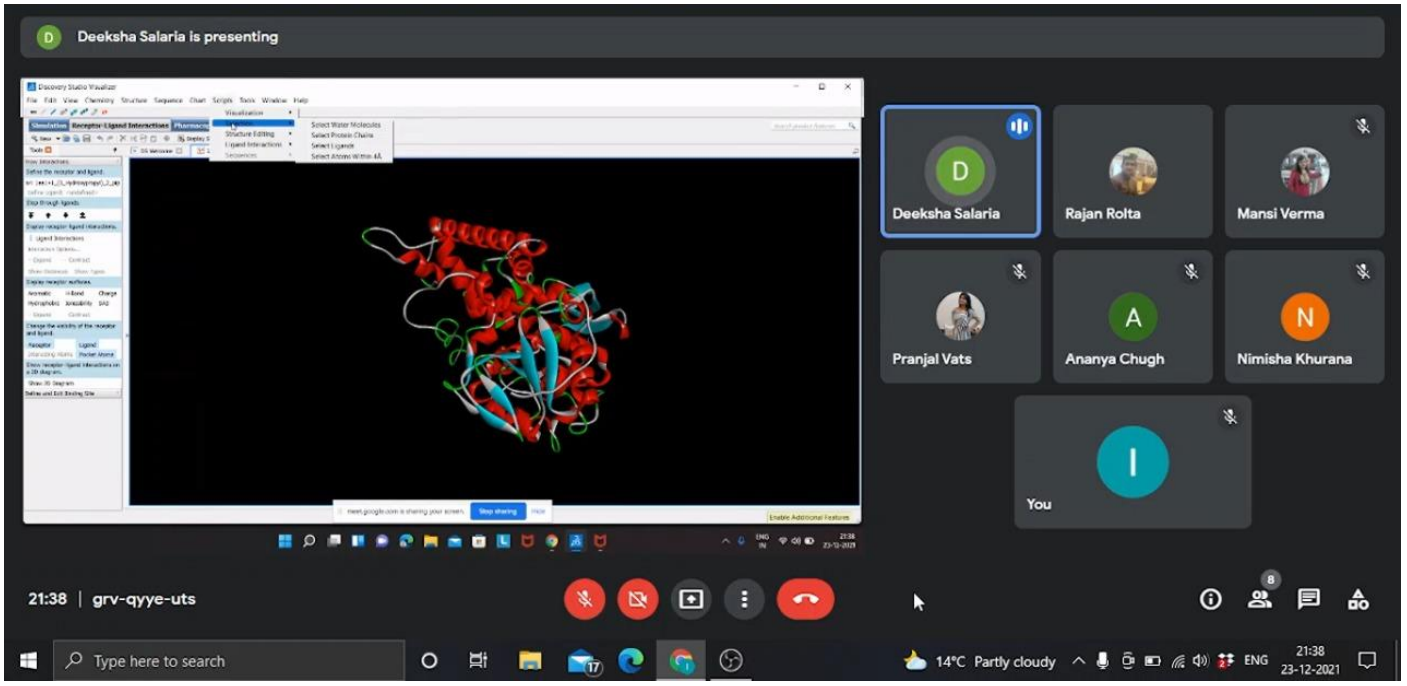
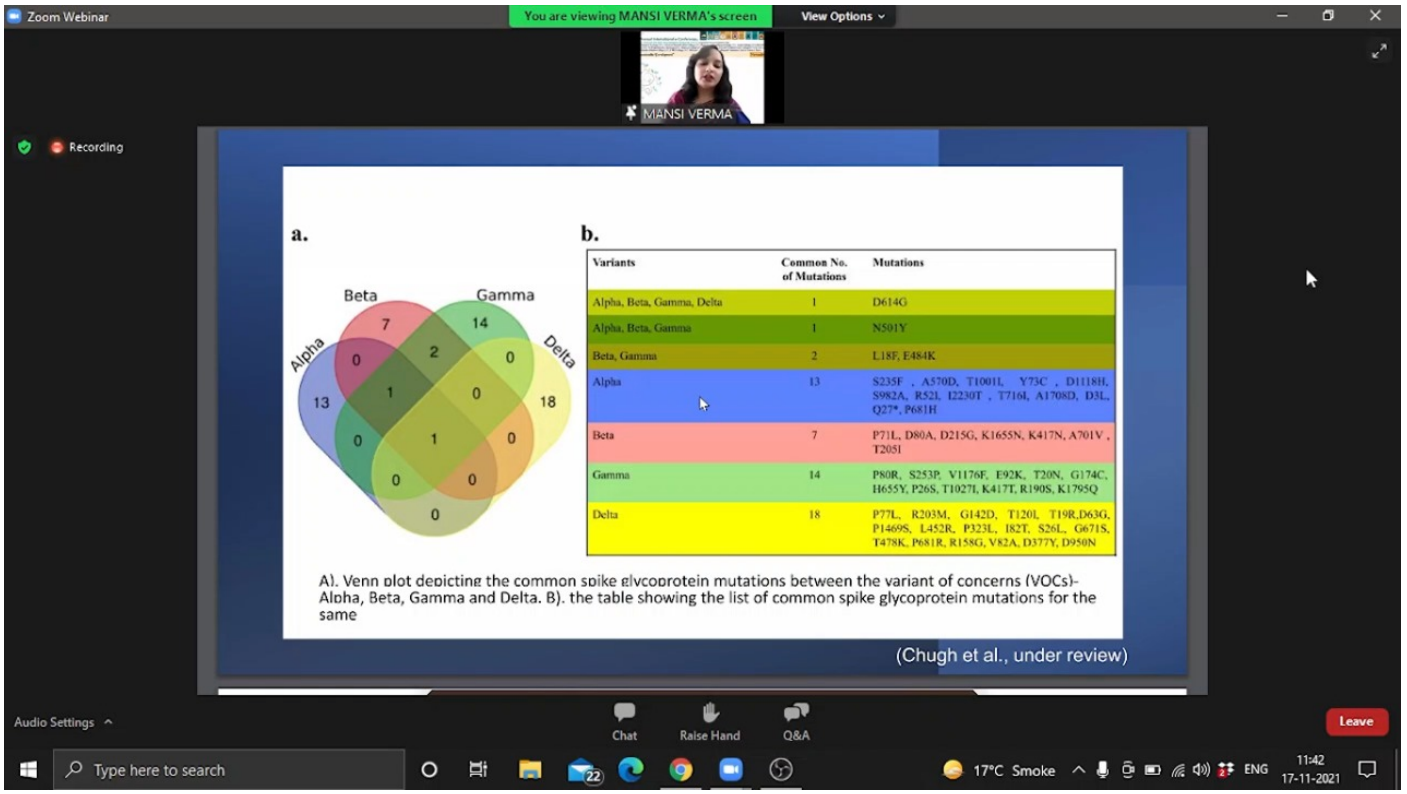
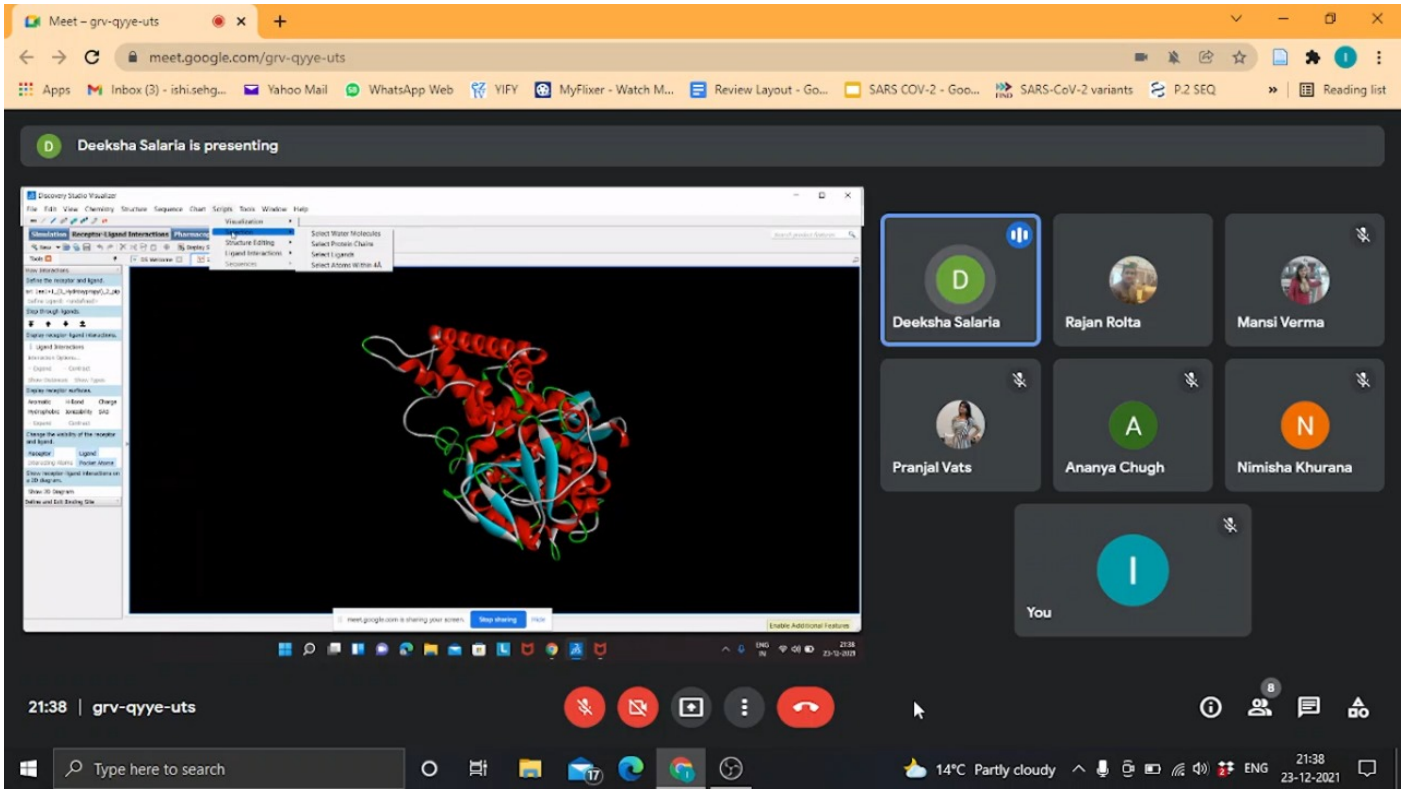
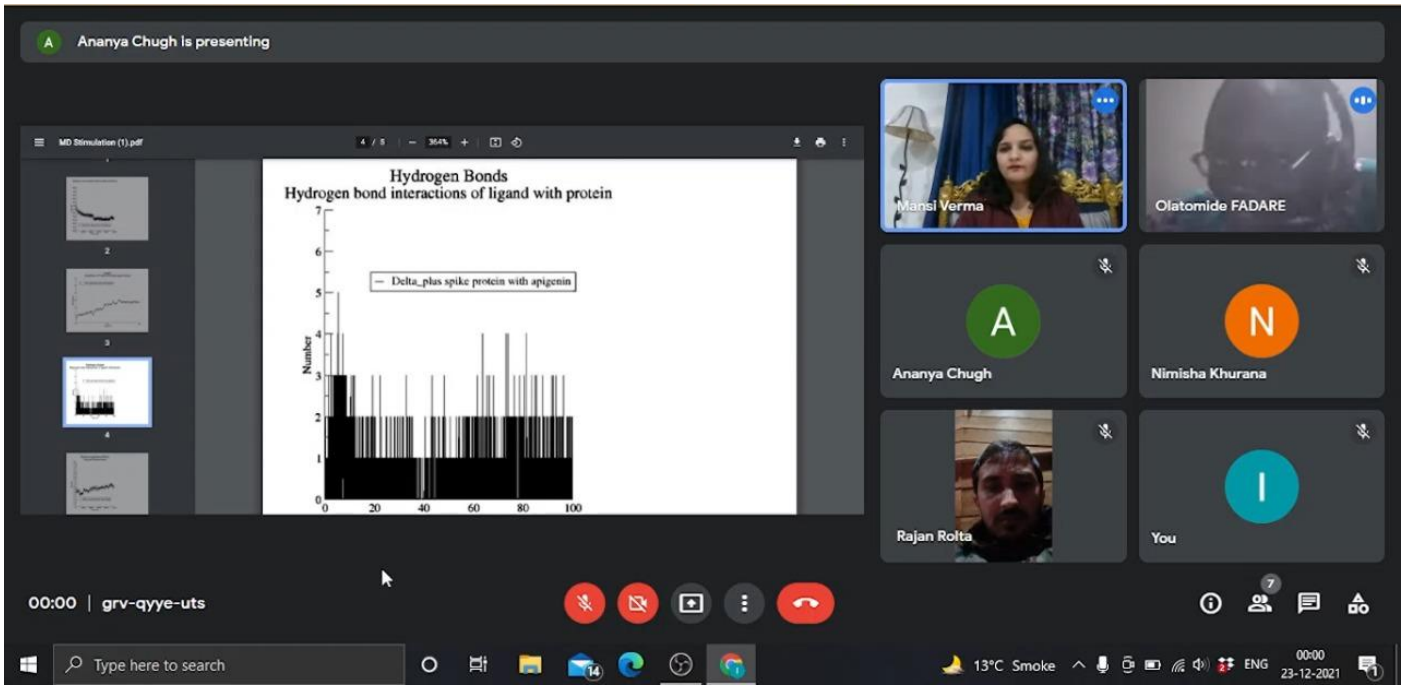
38°C Haze
ENG
07:18
23-06-2021


Deeksha Salaria is presenting
Deeksha Salaria
Rajan Rolta
Mansi Verma
Pranjal Vats
Ananya Chugh
Nimisha Khurana
You
21:38 | grv-qyye-uts
Type here to search
14°C Partly cloudy
ENG
21:38
23-12-2021


Zoom Webinar
You are viewing MANSI VERMA's screen
View Options
MANSI VERMA
Recording
a.
b.
Beta
Gamma
Alpha
Delta
7
14
0
2
0
13
1
0
18
0
1
0
0
0
0
Variants
Common No. of Mutations
Mutations
Alpha, Beta, Gamma, Delta
1
D614G
Alpha, Beta, Gamma
1
N501Y
Beta, Gamma
2
L18F, E484K
Alpha
13
S235F , A570D, T1001I, Y73C , D1118H, S982A, R52I, I2230T , T716I, A1708D, D3L, Q27*, P681H
Beta
7
P71L, D80A, D215G, K1655N, K417N, A701V , T205I
Gamma
14
P80R, S253P, V1176F, E92K, T20N, G174C, H655Y, P26S, T1027I, K417T, R190S, K1795Q
Delta
18
P77L, R203M, G142D, T120I, T19R,D63G, P1469S, L452R, P323L, I82T, S26L, G671S, T478K, P681R, R158G, V82A, D377Y, D950N
A). Venn plot depicting the common spike glycoprotein mutations between the variant of concerns (VOCs)- Alpha, Beta, Gamma and Delta. B). the table showing the list of common spike glycoprotein mutations for the same
(Chugh et al., under review)
Audio Settings
Chat
Raise Hand
Q&A
Leave
Type here to search
17°C Smoke
ENG
11:42
17-11-2021





Online meeting with Dr. Olatomide A. Fadare, Obafemi Awolowo University, Nigeria and Mr. Rajan Rolta, Faculty of Applied Sciences and Biotechnology, Shoolini University Solan Himachal Pradesh, India to understand MD simulation. Meeting held on 23rd December, 2021 from 11:00 pm onwards.

శ్రీవేంకటేశ్వర కళాశాల
Sri Venkateswara College
(University of Delhi)
NAAC 'A' Accredited

03rd January, 2022

EXPERIENCE CERTIFICATE

This is to certify that Miss Ananya Chugh from the Department of Biochemistry, Sri Venkateswara College has participated in the internship entitled "Combating SARS-CoV-2 using drugs and phytocompounds". She has carried out the research project work under my guidance and supervision from June 1, 2021 to December 30, 2021. The project was purely *in silico* based where she has learnt about docking of drugs and phytocompounds with the Spike protein of SARS-CoV-2.

Dr. Mansi Verma
Assistant Professor
Zoology Department
Sri Venkateswara College

Received

Diamond Jubilee Year
1961 - 2021

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Sri Venkateswara College
(University of Delhi)
NAAC 'A' Accredited

03rd January, 2022

EXPERIENCE CERTIFICATE

This is to certify that **Miss Ishita Sehgal** from the Department of Biochemistry, Sri Venkateswara College has participated in the internship entitled "Combating SARS-CoV-2 using drugs and phytocompounds". She has carried out the research project work under my guidance and supervision from June 1, 2021 to December 30, 2021. The project was purely *in silico* based where she has learnt about docking of drugs and phytocompounds with the Spike protein of SARS-CoV-2.

Dr. Mansi Verma
Assistant Professor
Zoology Department
Sri Venkateswara College

Recieved
Ishita

శ్రీవేంకటేశ్వర కళాశాల
Sri Venkateswara College
(University of Delhi)
NAAC 'A' Accredited

03rd January, 2022

EXPERIENCE CERTIFICATE

This is to certify that **Miss Kangna Verma** from the Department of Biochemistry, Sri Venkateswara College has participated in the internship entitled "Combating SARS-CoV-2 using drugs and phytocompounds". She has carried out the research project work under my guidance and supervision from June 1, 2021 to December 30, 2021. The project was purely *in silico* based where she has learnt about docking of drugs and phytocompounds with the Spike protein of SARS-CoV-2.

Dr. Mansi Verma
Assistant Professor
Zoology Department
Sri Venkateswara College

Recieved
Kangna

Diamond Jubilee Year
1961 - 2021

శ్రీవేంకటేశ్వర కళాశాల
Sri Venkateswara College
(University of Delhi)
NAAC 'A' Accredited

03rd January, 2022

EXPERIENCE CERTIFICATE

This is to certify that **Miss Nimisha Khurana** from the Department of Biochemistry, Sri Venkateswara College has participated in the internship entitled "Combating SARS-CoV-2 using drugs and phytocompounds". She has carried out the research project work under my guidance and supervision from June 1, 2021 to December 30, 2021. The project was purely *in silico* based where she has learnt about docking of drugs and phytocompounds with the Spike protein of SARS-CoV-2.

Dr. Mansi Verma
Assistant Professor
Zoology Department
Sri Venkateswara College

Received
Nimisha

1961 - 2021
Tirumala Tirupati Devasthanams
Sri Venkateswara College
(University of Delhi)

CERTIFICATE

This is to certify that the Student-centric project- entitled "Combating SARS-CoV-2 using drugs and phytocompounds" was successfully conducted during 01.06.2021 to 30.12.2021 under the supervision of Dr. Mansi Verma, Department of Zoology in the Online mode and its event report has been submitted to IQAC for records.

IQAC Coordinator
Coordinator, IQAC
Sri Venkateswara College
(University of Delhi)
Dhaula Kuan, New Delhi-110021

C. Shula Reddy
Principal

PRINCIPAL
Sri Venkateswara College
Dhaula Kuan, New Delhi-110021