

SOPHIA GIRLS' COLLEGE
(AUTONOMOUS), AJMER



DEPARTMENT OF ZOOLOGY

2020-21

1. Online Guest Lecture on the Importance of Breast feeding



**DEPARTMENT OF ZOOLOGY
&
HOMESCIENCE
SOPHIA GIRLS' COLLEGE (AUTONOMOUS),
AJMER**



**Guest Lecture on the
Importance of Breast Feeding**

By

Dr. Reena Mathur

&

Dr Manju Bhargava

Date: 8th -August-2020

Through Google Meet

Name of Department Zoology

Date of activity- 08th August 2020

Title of the Event- Online Guest Lecture on the Importance of Breast feeding

Number of Participants- 94

Details of Resource Persons-Dr Reena Mathur, Retired Radiologist, JLN Medical College, Ajmer

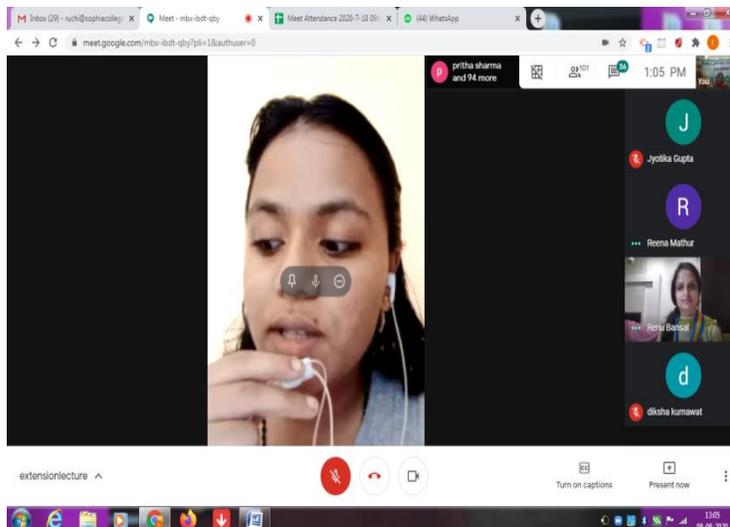
Dr Manju Bhargava, Retired Medical Officer, JLN Medical College, Ajmer

Report

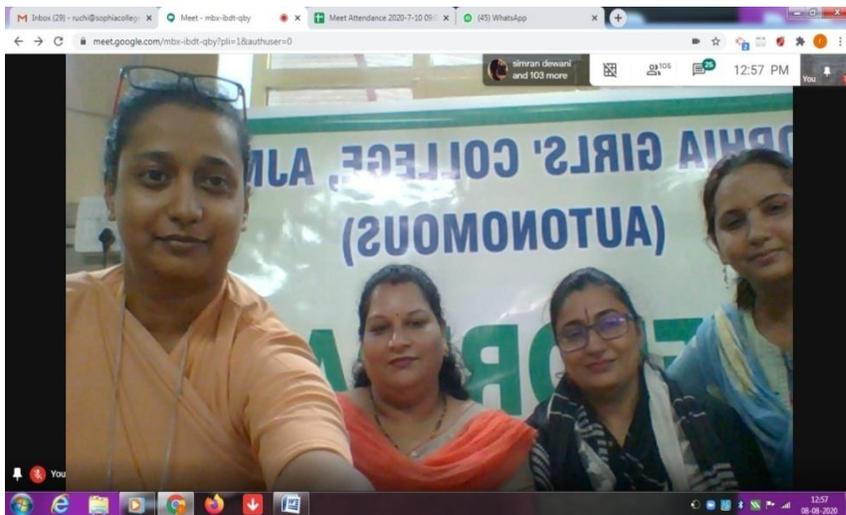
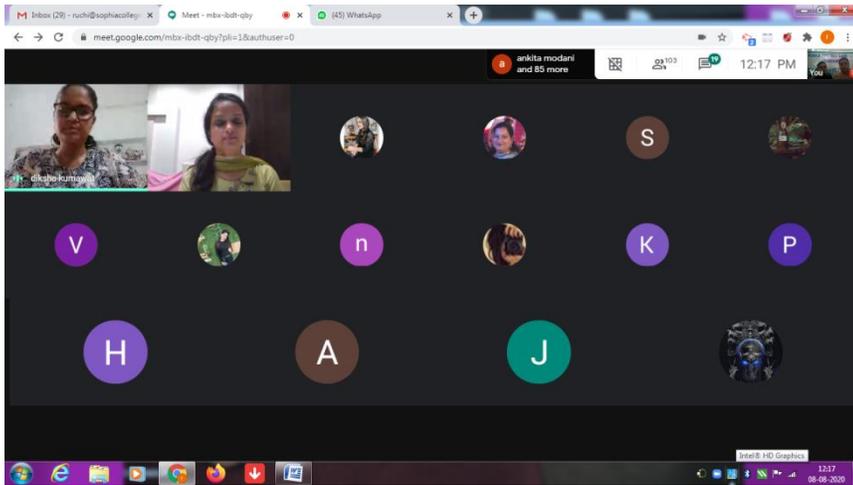
The department of Zoology & Home Science in association with Inner Wheel Club ,Ajmer organised a talk on importance of breast feeding, which the future mothers should be aware of .The talk emphasised on how the mothers milk helps in improving the immunity of the newborn child.. The program was conducted during the breast feeding week. Some misconceptions regarding the same were also discussed during the interactive session.

Learning Objective

The main aim of the activity was to make the students understand the importance of breastfeeding in developing immunity in the child and to clear the misconcepts regarding the topic



Manju Bhargava
Head
Department of Zoology
Sophia Girls' College
(Autonomous), Ajmer



2. 17th - 18th August 2020 (Postponed to 24th – 25th August due to heavy rains)



**Sophia Girls' College, Ajmer
(Autonomous)**

**National Webinar
on**

**“Is the Pandemic Lockdown
a Green Moment for Biodiversity?”**

**17th and 18th August, 2020
4:00pm - 6:00pm**



**Organised by
DEPARTMENTS OF ZOOLOGY AND BOTANY**

Link for Registration : <https://tinyurl.com/SGCAZoologyWeb2020>

About the National Webinar

"Is the Pandemic Lockdown a Green Moment for Biodiversity?"

The COVID-19 pandemic has unleashed challenges and opportunities hitherto unreckoned. While we often feel invincible with our advanced technology, it is times like these that remind us about our vulnerabilities before the powers of nature. The staggering human lockdown to curtail the spread of the corona virus can be viewed as a Global Human Confinement Experiment. This experiment is a unique opportunity to identify the positive and negative effects of human presence and interference in a range of natural systems including wildlife and protected areas and to study processes regulating biodiversity and ecosystems.

It would be a unique and exceptional experience to share with each other the observations and results of the impact of this pandemic induced lockdown on Biodiversity. We believe it would be invigorating to amalgamate the views of eminent scientists who have extensive experience of and a keen insight into the repercussions of this lockdown in which there has been a remarkable reduction in human interference. We think it imperative to include not only the scientific community involved in biodiversity studies but also other stakeholders viz academicians, young leaders, policy makers, biomedical specialists and other vibrant young minds to reflect upon this unforeseen situation and to derive a win-win situation for all the inhabitants of the earth. We perceive this webinar as an ideal platform to share expertise, foster collaboration and to share the objectives of the seminar.

Objectives:

- ◆ To assess the pros and cons of the lockdown on the Biodiversity.
- ◆ To evaluate the present status of biodiversity.
- ◆ To assess whether the movement of wild animals or the elusive animals towards the human settlement can have zoonotic effects
- ◆ To study the ineluctable connect between biodiversity and human conflicts.

No Registration Fee

E-Certificates will be provided to those who attend both the days of the Webinar

Webinar Committee

Patron

Dr. Sr. Pearl

Principal

Sophia Girls' College, Ajmer (Autonomous)

Convener

Mrs. Mriganka Upadhyay

Head

Department of Zoology

Co-convener

Dr. Sareetha

Head

Department of Botany

Organizing Secretary

Sr. Swapana John

Assistant Professor

Department of Zoology

Co-organizing Secretary

Ms. Anu Bhardwaj

Assistant Professor

Department of Botany

Contact Details

Mrs. Mriganka Upadhyay -9414736956 and Sr. Swapana John -7728627173

Our Esteemed Speakers



Dr. V. B. Mathur
Chairperson, National Biodiversity Authority
Former, Director of Wildlife Institute of India (WII)
Keynote Speaker



Dr. G. V. Reddy, IFS
PCCF (HoFF), Rajasthan
Chief Guest for Valedictory



Dr. Asad R. Rahmani
Former Director Bombay Natural History Society (BNHS)



Dr. Sanjeev Kumar
Jt. Director/ Scientists- E & Officer-in-charge
DRC, ZSI, Jodhpur



Dr. Satya Prakash Mehra
Environmental cum Development Professional
Principal, Agarwal Girls' College
Gangapur City, Rajasthan



Dr. Nishith Dharaiya
Associate Professor, Department of Life Sciences
HNG University, Patan, Gujarat
Co Chair, IUCN Sloth Bear Expert Team
Member, State Wildlife Board, Gujarat



Name of Department: Zoology (Floricans Forum)

Date of activity- 17th - 18th August 2020 (Postponed to 24th – 25th August due to heavy rains)

Category of Event- National Webinar

Title of the Event- National Webinar on “**Is the pandemic lockdown a green moment for biodiversity**”

Link: [https:// tinyurl.com/SGCAZoology Web 2020](https://tinyurl.com/SGCAZoologyWeb2020)

Number of Participants-1501

Report:

This webinar was organized to share with each other the observation and results of the impact of this pandemic induced lockdown on biodiversity. We were sure that it would be invigorating to amalgamate the views of eminent scientists who have extensive experience of and a keen insight into the repercussion of this lockdown.

Learning Objective

The aim of the event was to provide a platform wherein we could discuss with each other the observation and results of the impact of this pandemic induced lockdown on biodiversity. Our students had an opportunity to learn and interact with such eminent scientists.

Details of Resource Persons-

S.No	Name	Designation	Affiliating Institute/ University	Contact Details	Contributed in the event as a-
1.	Dr V.B	Chairperson	National	vbm.ddn@gmail.com	Resource Person

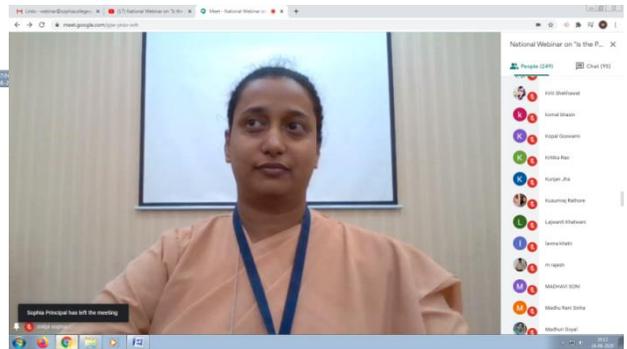
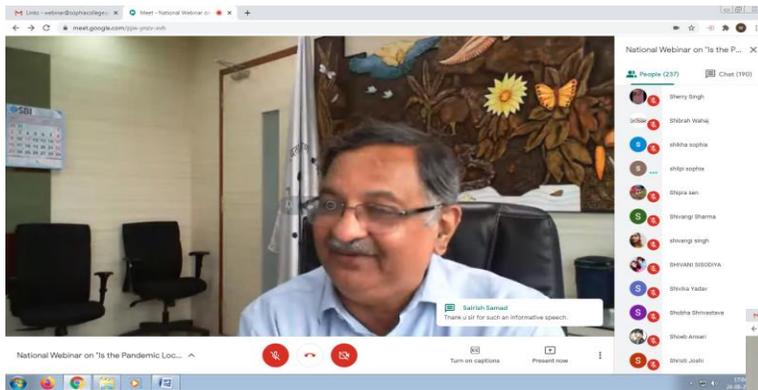
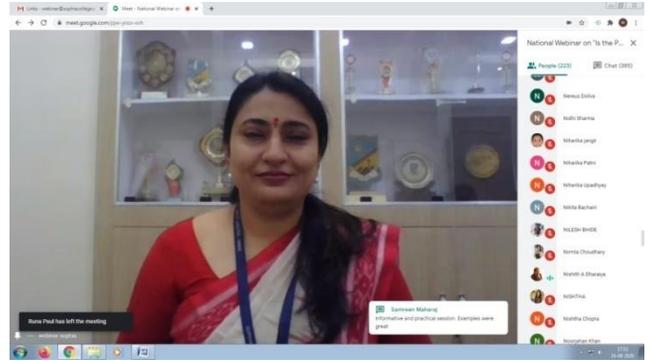
	Mathur		Biodiversity Authority , Government of India		
2.	Dr Asad Rahmani	Former Director	BNHS	rahmani1.asad@gmail.com	Resource Person
3.	Dr Sanjeev Kumar	Joint Director, Scientist E officer incharge	ZSI, Jodhpur	drczsi123@gmail.com	Resource Person
4.	Dr S.P Mehra	Principal	Agarwal Girls' College Bharatpur	drsatyapmehra@gmail.com	Resource Person
5.	Dr Nishit Dharaiya	Associate Profess	Dept of Life Science HNG University Patan, Gujarat	nadharaiya@gmail.com	Resource Person
6.	Dr G.E Reddy	(IFS)PCCF (Ho FF) Rajasthan	PCCF (Ho FF) Rajasthan	gvreddy.rajforest@gmail.com	Resource Person

National Webinar on "Is the Pandemic Lockdown a Green Moment for Biodiversity?"

Organized by

Departments of Zoology and Botany

Sophia Girls' College (Autonomous), Ajmer (Raj.)



सोफिया कॉलेज में सोमवार से शुरू होंगी ऑनलाइन क्लास

अजमेर | सोफिया गर्ल्स कॉलेज की ओर से गुरुवार को नव प्रवेशित विद्यार्थियों के लिए ऑरियंटेशन प्रोग्राम आयोजित किया गया। इस कार्यक्रम में नव प्रवेशित छात्राओं और उनके अभिभावकों को गूगल मीट के माध्यम से प्रिंसिपल डॉ. सिस्टर पर्ल और आइक्यूएसी कोऑर्डिनेटर डॉ. मोनिका कानन ने संबोधित कर कॉलेज के विजन, मिशन, उद्देश्य और विभिन्न पाठ्यक्रमों के बारे में जानकारी दी गई। इसके साथ ही कॉलेज में होने वाले विभिन्न कार्यक्रमों के बारे में भी जानकारी प्रदान की गई। डॉ. मोनिका ने चैंस बेस्ट क्रेडिट सिस्टम, परजामिनेशन सिस्टम, एच.आर्किंग स्क्रीम के बारे में जानकारी प्रदान कर जिज्ञासाओं का समाधान किया। ऑरियंटेशन कार्यक्रम 3 दिन तक चलेगा, जिसमें उन्हें कॉलेज के विभिन्न क्लब और फोरम की जानकारी दी जाएगी।

लॉकडाउन से जैव विविधता को फायदा

'पैनडेमिक लॉकडाउन और जैव विविधता पर प्रभाव' पर वेबीनार



पत्रिका न्यूज नेटवर्क patrika.com

अजमेर | लॉकडाउन से जैव विविधता को फायदा हुआ है। प्रदूषण घटने से स्वच्छ जलवायु, वन्य जीवों की हलचल बढ़ने के अलावा हरियाली भी बढ़ी। यह विचार सोफिया गर्ल्स कॉलेज में आयोजित दो दिवसीय वेबीनार में सामने आए। वेबीनार में लगभग 1500 प्रतिभागियों ने हिस्सा लिया। 'पैनडेमिक लॉकडाउन और जैव विविधता पर प्रभाव' विषय पर आयोजित वेबीनार में सोमवार को पहले दिन प्रमुख वक्ता के रूप में राष्ट्रीय जैव विविधता बोर्ड अध्यक्ष डॉ. वी.बी. माधुर, प्राणी सर्वेक्षण संस्थान जोधपुर के विभागाध्यक्ष डॉ. संजीव कुमार, हेमचंद्राचार्य उत्तर गुजरात विवि के सहआचार्य डॉ. निखिल दहारिया ने संबोधित किया। वेबीनार के दूसरे दिन

जीवों का व्यवहार बदला

राजपूताना सोसायटी ऑफनेचुरल हिस्ट्री के डॉ. सत्य प्रकाश मेहरा ने कहा कि बीते चार महीनों में वन्यजीवों के व्यवहार में बदलाव आए हैं। जैव विविधता के वैज्ञानिक भविष्य की संरक्षण परियोजनाओं के लिए अध्ययन कर सकते हैं। वेबिनार की अध्यक्षता सोफिया कॉलेज की प्राचार्य डॉ. सिस्टर पर्ल ने की। वेबीनार की समन्वयक व प्राणी शास्त्र विभागाध्यक्ष मृगांका उपाध्याय तथा कार्यकारिणी सचिव सिस्टर स्वना आदि भी शामिल हुईं।

अध्यक्ष डॉ. असद रहमानी ने कहा कि लॉकडाउन से मानवीय गतिविधियां कम होने से वन्य जीव और जैव विविधता को लाभ हुआ। पूर्व मुख्य वन्य जीव वार्डन जी.बी. रेड्डी ने कहा कि कई क्षेत्रों में भोजन

लॉकडाउन और उसके जैव विविधता पर किया विमर्श

एजुकेशन रिपोर्ट | अजमेर

सोफिया कन्या महाविद्यालय द्वारा आयोजित दो दिवसीय वेबिनार लॉकडाउन और उसके जैव विविधता पर प्रभाव का मंगलवार को समापन हुआ। वेबिनार में लगभग 1500 प्रतिभागियों ने विभिन्न डिजिटल प्लेटफॉर्म गूगल और यूट्यूब द्वारा भाग लिया। इस वेबिनार के पहले दिन प्रमुख वक्ता राष्ट्रीय जैव विविधता बोर्ड के अध्यक्ष वी.बी. माधुर रहे। जबकि जोधपुर के प्राणी सर्वेक्षण संस्थान के एचओडी डॉ. संजीव कुमार और गुजरात के हेमचंद्राचार्य उत्तर गुजरात विश्वविद्यालय के सह आचार्य डॉ. निखिल दहारिया ने लॉकडाउन के कारण जैव विविधता व पर्यावरण पर पड़ने

वाले प्रभावों पर विस्तृत रूप से जानकारी दी। इसी तरह दूसरे दिन के प्रमुख वक्ता मुंबई के बांबे नेचुरल हिस्ट्री सोसायटी के पूर्व अध्यक्ष डॉ. असद रहमानी, पूर्व मुख्य वन्यजीव वार्डन जी.बी. रेड्डी और राजपूताना सोसायटी ऑफ नेचुरल हिस्ट्री के डॉ. सत्यप्रकाश मेहरा ने लॉक डाउन की वजह से आबादी क्षेत्रों के साथ-साथ अन्य क्षेत्रों में मानवीय गतिविधियों की कमी के कारण वन्यजीवों के व्यवहार में आए परिवर्तनों से अवगत कराया। उन्होंने कहा कि कुछ इलाकों में खाने की कमी के कारण वन्यजीवों के शिकार में भी बढ़ोतरी दर्ज की गई। वेबिनार की अध्यक्षता कॉलेज प्राचार्य डॉ. सिस्टर पर्ल द्वारा की गई।

DAINIK BHASKAR, 26.8.2020

प्रकृति से की गई छेड़छाड़ का नतीजा है पशुजन्य रोग

एसपीसीजीसीए में राष्ट्रीय वेबिनार शुरू

कानून/नवज्योति, अजमेर

सम्राट पृथ्वीराज चौहान राजकीय महाविद्यालय प्राणीशास्त्र विभाग की ओर से आयोजित दो दिवसीय राष्ट्रीय वेबिनार की शुरुआत मंगलवार से हुई। यह वेबिनार जैव विविधता एवं पारिस्थितिकी बहाली के लिए एकीकृत रणनीति विषय पर आयोजित की जा रही है।



सोफिया कॉलेज में जैव विविधता के प्रभावों पर की चर्चा

वेबिनार का उद्घाटन प्राचार्य डॉ. मुन्नालाल अग्रवाल ने किया। उन्होंने कहा कि प्रकृति में हमारी संपी मांगों को पूरी करने की क्षमता है, लेकिन लालच का अन्त नहीं है। हमें प्रकृति से छेड़छाड़ नहीं करनी चाहिए। मुख्य वक्ता भारतीय प्राणी सर्वेक्षण विभाग कोलकता के डॉ. राजमोहन के. ने कहा कि पशुजन्य रोगों में बढ़ोतरी के लिए जिम्मेदार मनुष्य द्वारा प्रकृति से की गई छेड़छाड़ है। स्वाइन फ्लू, बर्ड फ्लू और कोविड-19 जैसी गम्भीर बीमारियां प्रकृति से छेड़छाड़ का ही नतीजा हैं। आयोजन सचिव डॉ. विकास सक्सेना ने अजमेर जिले के विभिन्न तालाबों की जैव विविधता से परिचित कराया।

उधर, सोफिया कॉलेज की ओर से पैनडेमिक लॉकडाउन और उसके जैव विविधता पर प्रभाव विषय पर आयोजित दो दिवसीय वेबिनार का मंगलवार को समापन हो गया। पहले दिन प्रमुख वक्ता राष्ट्रीय जैव विविधता बोर्ड के अध्यक्ष डॉ. वी.बी. माधुर, प्राणी सर्वेक्षण संस्थान जोधपुर के विभागाध्यक्ष डॉ. संजीव कुमार तथा डॉ. हेमचंद्राचार्य उत्तर गुजरात विश्वविद्यालय के सह आचार्य डॉ. निखिल दहारिया थे। उन्होंने लॉकडाउन के कारण जैव विविधता तथा पर्यावरण पर पड़ने वाले प्रभावों पर विस्तृत चर्चा की। मंगलवार को प्रमुख वक्ता प्रधान मुख्य वन्य जीव संरक्षक (हॉफ) जी.बी. रेड्डी, बीएनएचएस मुंबई के पूर्व अध्यक्ष डॉ. असद रहमानी, तथा राजपूताना सोसायटी ऑफ नेचुरल हिस्ट्री डॉ. सत्य प्रकाश मेहरा ने गत चार माह में आबादी क्षेत्रों के साथ अन्य क्षेत्रों में मानवीय गतिविधियों की कमी के कारण वन्यजीवों के व्यवहार में आए परिवर्तन पर चर्चा की। वक्ताओं ने कहा कि कुछ इलाकों में खाने की कमी के कारण वन्यजीवों के शिकार में भी बढ़ोतरी दर्ज की गई है। वेबिनार की अध्यक्षता प्राचार्य डॉ. सिस्टर पर्ल ने की। समन्वयक प्राणी शास्त्र विभागाध्यक्ष मृगांका उपाध्याय तथा सचिव सिस्टर स्वना भी शामिल थीं।

वेबिनार के द्वितीय स्तर में चंडीगढ़ से प्रो. डॉ. उपेन्द्र नाथ राय ने ग्रामीण विकास के लिए विज्ञान और तकनीक की भूमिका पर प्रकाश डाला। तृतीय सत्र में डॉ. डीएल बोहरा ने सांभर झील में प्रवासी प्रदूषकों की मृत्यु के संबंध में विचार रखे। इसके बाद पैनल डिस्कशन हुआ। इससे पूर्व डॉ. प्रकाशचन्द्र शर्मा ने विभिन्न वक्ताओं का परिचय करवाया। कार्यक्रम के अन्त में प्राणीशास्त्र विभागाध्यक्ष डॉ. रीना व्यास ने आभार जताया। वेबिनार के दूसरे दिन बुधवार को डॉ. अनिल कुमार छायाड़ी और डॉ. सत्यप्रकाश मेहरा होंगे।

DAINIK BHASKAR, 26.8.20



National Webinar
On
Is the Pandemic Lockdown a Green Moment for Biodiversity

24th - 25th August, 2020

Organized by

Departments of Zoology and Botany, Sophia Girls' College (Autonomous), Ajmer (Rajasthan)

Certificate of Participation

This is to certify that **Dr. Atul Kumar Shurma**

of **Associate Professor Chemistry, S. D. Govt. College, Beawar**

participated in National Webinar on 'Is the Pandemic Lockdown a Green Moment for Biodiversity'. We appreciate her/his efforts in making it a success.

Sr Pearl
Patron

Dr. Sr. Pearl
Principal

Sophia Girls' College, Ajmer (Autonomous)(Raj.)

@padyay
Convenor

Mrs. Mriganka Upadhyay
Head, Department of Zoology,

Sophia Girls' College, Ajmer (Autonomous)(Raj.)

3. Presentation on case study



FLORICANS - THE ZOOLOGY FORUM SOPHIA GIRLS' COLLEGE AUTONOMOUS, AJMER



QUIZ COMPETITION

First year

Date-28th October,
Wednesday

Time:10-10:30 am

Rules—quiz will consist
of 45 questions related
to basic Zoology
Time limit-30 min.



FLEX MAKING COMPETITION Second year

Date-2nd and 3rd November, Monday and Tuesday

Rules -more pictorial presentation and less usage
of words

Size-2ft by 2.5ft

Mail at zoology@sophiacollegeajmer.in

Latest by 3rd November.

Topics-

- 1.AIDS day
- 2.Cancer day
- 3.Environment day
- 4.Geological time scale
- 5.Kreb cycle
- 6.Eutrophication and Bio magnification
- 7.Circulatory system in man

PRESENTATION ON CASE STUDY

Third year

Date-5th and 6th November 2020, Thursday and Friday

Rules-It should be a case study with data, figures and references

Number of slides should not exceed 25

Video, audio and animation can be included

Presentation should not exceed 15 minutes.

Case study and report to be mailed by 6th November at

zoology@sophiacollegeajmer.in

TOPICS:

- 1.Impact of COVID on environment and biodiversity
- 2.Impact of COVID on humans
3. Corona virus-structure and possible treatments (Homeopathy, allopathy, ayurvedic)
- 4.Impact of COVID on economy.
- 5.Impact of COVID on education
- 6.History of pandemics (India) and their effects



Name of Department Zoology

Date of activity-5th and 6th November 2020

Category of Event- Presentation on case study

Title of the Event- 3rd year presentation on case study

Number of Participants-56

Report

The pandemic has drastically affected our lives and so it was the right time to discuss the past, present and future of such pandemics. The Third-year students were asked to prepare“Case Study” on the different pandemics that had occurred in India. The students presented their case studies online in groups. This helped them to carefully examine various problems associated with pandemics and their pattern of occurrence.

Learning Objective

The objective of this project was to inculcate and hone their research skill, as case studies is a research method involving an in-depth and detailed study of a particular case. This provided them an opportunity to hone their research aptitude.



Head

**Department of Zoology
Sophia Girls' College
(Autonomous), Ajmer**

C Cheshta Agarwal is presenting

YAMUNA-

The quality of water in the Yamuna has improved along the Delhi stretch during the nationwide lockdown, compared to April last year, according to a report by the Delhi Pollution Control Committee (DPCC).

An increased flow of water in the river has also contributed to less pollution, the report said. But the report noted that the Yamuna has still not met the "water quality criteria".

According to the report, the pollution has reduced by 21% at ITO Bridge, 20% at Nizamuddin Bridge, and 18% at Okhla Barrage. Also, pollution has reduced in five out of the six major drains, which flow into the Yamuna, that the DPCC measured.

According to the report, four of the nine locations where dissolved oxygen (DO) was nil in 2019 showed DO levels of 2.3-4.8 mg/l. Dissolved oxygen is the amount of dissolved oxygen present in the water which is needed for aquatic life to survive. The quality of water increases with an increase in DO levels.

A DO level of 5 mg/l or above is the recommended level for bathing in a river and DO levels over 5 mg/l were found only in two locations closer to where the river enters Delhi, as per the report.

Location	2019 DO (mg/l)	2020 DO (mg/l)
ITO Bridge	0	2.3
Nizamuddin Bridge	0	3.5
Okhla Barrage	0	4.8
Other locations	0	2.3-4.8

Source: THE HINDU

Factories shut, Yamuna water sparkles

The Delhi stretch of the Yamuna river has shown a significant improvement in water quality since the nationwide lockdown. The Delhi Pollution Control Committee (DPCC) reported that the pollution levels have decreased by 21% at ITO Bridge, 20% at Nizamuddin Bridge, and 18% at Okhla Barrage. Additionally, pollution has reduced in five out of the six major drains that flow into the Yamuna. The report also noted that the quality of water has improved, with an increase in dissolved oxygen (DO) levels. A DO level of 5 mg/l or above is the recommended level for bathing in a river, and DO levels over 5 mg/l were found only in two locations closer to where the river enters Delhi.

Meeting details

People (52)

- PRISM classes (You)
- ankita modani
- Annu Bhati
- Anshu Latiyal
- Astha Kakkar
- Bahaar Dhall
- Bhanvi Shekhawat
- Cheshta Agarwal

R Riti Monga is presenting

MERS – CORONAVIRUS OUTBREAK

- Also called as Camel Flu
- Duration – 2012 -2020
- Frequency - 2519 cases (as January 2020)
- Deaths - 866 (35%)
- Mumbai and Kozhikode in Kerala are among top 12 high risk cities worldwide.
- Usual onset - 2 to 14 days post exposure
- Risk factors - Contact with camels and camel products

MERS-COV
Middle East Respiratory Syndrome

Camel Flu or MERS
Camel flu or MERS mainly causes shortness of breath, fever and cough. Other symptoms may include diarrhea, nausea and vomiting 2-3 weeks.

Meeting details

People (53)

- Manisha
- Minauti Tiwari
- mriganka sophia
- Mumal Rathore
- Nidhi Pathak
- Niharika jangir
- Pooja Jangid
- Pragya Tejaswi Toppo

C Cheshta Agarwal is presenting

COVID-19 lockdown a blessing for the endangered Gangetic dolphin in Bihar



The animals are being seen in parts where they were not seen earlier due to human activities (pollution). Gangetic dolphins have become more visible in the Vikramshila Gangetic Dolphin Sanctuary (VGDS) in Bihar due to the lack of human activity on the Ganga during the ongoing novel coronavirus disease (COVID-19) lockdown, according to dolphin experts.

<https://www.downtoearth.org.in/news/wildlife/biodiversity/covid-19-lockdown-a-blessing-for-the-endangered-gangetic-dolphin-in-bihar-646774>

Over 100,000 Flamingos Reportedly Descend on Mumbai Amid India's Strict Coronavirus Lockdown



The Bombay Natural History Society (BNHS) estimates that around **25% more flamingos** have **migrated** to the region compared to last year, likely caused by the decrease in human activity, the *Hindustan Times* reports. The *Science Times* calculates around **150,000 flamingos** have come to the area.

Flamingos are seen in huge numbers behind BIR colony in Talwar wicket, North, during nationwide lockdown due to Coronavirus, on April 18, 2020 in Mumbai, India. Photo by @mumbaidotcom

Vasundhara Choudhary has left the meeting

Cheshta Agarwal, mriganka soph..., Kanu Priya, Radhika Ojha

Meeting details

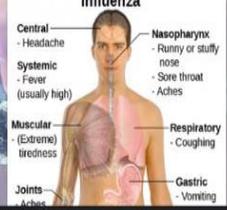
People (53) Chat

- Madhu Chattree
- Mahima Rathore
- Manisha
- Minauti Tiwari
- mriganka sophia
- Mumal Rathore
- Nidhi Pathak
- Nihanka jangir

R Riti Monga is presenting

SPANISH FLU PANDEMIC

- Virus strain - Strains of A/H1N1
- Date - February 1918 – April 1920
- Location - Worldwide
- Suspected cases - 500 million (estimate)
- Deaths - 14-17 million (India)
- In India, the pandemic broke out in Bombay in June 1918
- The outbreak most severely affected younger people in the age group of 20-40, with women suffering disproportionately.
- Prevention – Influenza vaccine
- Medication – Antiviral drugs (Zanamivir)

You, mriganka soph..., Riti Monga, diksha kumawat, yashashi cho..., Harshita Bhati

Meeting details

People (56) Chat

- Pragya Tejaswi Toppo
- Pritty Reji
- Priyadarshini Saxena
- priyanka khichi
- Priyanka Singodiya
- Radhika Maheshwari
- Radhika Ojha
- Rakshanda shekhawat

MMS

**SOPHIA GIRLS' COLLEGE (AUTONOMOUS),
AJMER**



FLORICANS - THE ZOOLOGY FORUM

**THIS IS TO CERTIFY THAT MS. NAVDHA PAREEK B.SC BIO III
HAS PARTICIPATED IN CASE STUDY COMPETITION
ORGANISED BY FLORICANS - THE ZOOLOGY FORUM &
SECURED (I ST) POSITION.**

Mriga

MRS. MRIGANKA UPADHYAY
INCHARGE OF FLORICANS

Sr. Pearl

DR.SR .PEARL
PRINCIPAL

Mriga

**Head
Department of Zoology
Sophia Girls' College
(Autonomous), Ajmer**

4. Flex making competition



FLORICANS - THE ZOOLOGY FORUM SOPHIA GIRLS' COLLEGE AUTONOMOUS, AJMER



QUIZ COMPETITION

First year

Date-28th October,
Wednesday

Time:10-10:30 am

Rules—quiz will consist
of 45 questions related
to basic Zoology
Time limit-30 min.



FLEX MAKING COMPETITION

Second year

Date-2nd and 3rd November, Monday and Tuesday

Rules -more pictorial presentation and less usage
of words

Size-2ft by 2.5ft

Mail at zoology@sophiacollegeajmer.in

Latest by 3rd November.

Topics-

- 1.AIDS day
- 2.Cancer day
- 3.Environment day
- 4.Geological time scale
- 5.Kreb cycle
- 6.Eutrophication and Bio magnification
- 7.Circulatory system in man



PRESENTATION ON CASE STUDY

Third year

Date-5th and 6th November 2020, Thursday and Friday

Rules-It should be a case study with data, figures and references

Number of slides should not exceed 25

Video, audio and animation can be included

Presentation should not exceed 15 minutes.

Case study and report to be mailed by 6th November at

zoology@sophiacollegeajmer.in

TOPICS:

- 1.Impact of COVID on environment and biodiversity
- 2.Impact of COVID on humans
3. Corona virus-structure and possible treatments (Homeopathy, allopathy, ayurvedic)
- 4.Impact of COVID on economy.
- 5.Impact of COVID on education
- 6.History of pandemics (India) and their effects



Name of Department Zoology

Date of activity- 2nd and 3rd November 2020

Category of Event- Flex making competition

Title of the Event- 2nd year flex making competition

Number of Participants-54

Report

Floricans the zoology forum organized a flex making competition for the 2nd year students, on topics related to. – “AIDS Day”, “Cancer Day”, etc. The students submitted the soft copy of the flexes designed by them and even presented it online so that they could convey their message.

Learning Objective

The aim of this activity was to create awareness and sensitize them about the various social issues and diseases prevalent in the society and to hone their knowledge in this field. The flex also gave them an opportunity to enhance their creativity skills.

**SOPHIA GIRLS' COLLEGE (AUTONOMOUS),
AJMER**



FLORICANS -THE ZOOLOGY FORUM

**THIS IS TO CERTIFY THAT MS. RINCY ANTHONY B.SC BIO II
HAS PARTICIPATED IN FLEX MAKING COMPETITION
ORGANISED BY FLORICANS - THE ZOOLOGY FORUM &
SECURED (I ST) POSITION.**

Mriga

MRS. MRIGANKA UPADHYAY
INCHARGE OF FLORICANS

Sr. Pearl

DR.SR .PEARL
PRINCIPAL

5. Quiz competition



FLORICANS - THE ZOOLOGY FORUM
SOPHIA GIRLS' COLLEGE AUTONOMOUS, AJMER



QUIZ COMPETITION

First year

Date-28th October,
Wednesday

Time:10-10:30 am

Rules—quiz will consist
of 45 questions related
to basic Zoology

Time limit-30 min.



FLEX MAKING COMPETITION

Second year

Date-2nd and 3rd November, Monday and Tuesday

Rules -more pictorial presentation and less usage
of words

Size-2ft by 2.5ft

Mail at zoology@sophiacollegeajmer.in

Latest by 3rd November.

Topics-

- 1.AIDS day
- 2.Cancer day
- 3.Environment day
- 4.Geological time scale
- 5.Kreb cycle
- 6.Eutrophication and Bio magnification
- 7.Circulatory system in man



PRESENTATION ON CASE STUDY

Third year

Date-5th and 6th November 2020, Thursday and Friday

Rules-It should be a case study with data, figures and references

Number of slides should not exceed 25

Video, audio and animation can be included

Presentation should not exceed 15 minutes.

Case study and report to be mailed by 6th November at

zoology@sophiacollegeajmer.in

TOPICS:

- 1.Impact of COVID on environment and biodiversity
- 2.Impact of COVID on humans
3. Corona virus-structure and possible treatments (Homeopathy, allopathy, ayurvedic)
- 4.Impact of COVID on economy.
- 5.Impact of COVID on education
- 6.History of pandemics (India) and their effects



Name of Department Zoology

Date of activity- 28th October 2020

Category of Event- Quiz competition

Title of the Event-First year quiz competition

Number of Participants-34

Link:-

https://docs.google.com/forms/d/e/1FAIpQLSe7mVrCDheum9UJJIHkmfm7Koj6nqx9yFDMAe5Y_ygR1iaxHw/viewform?usp=sf_link

Report:

This “Quiz Activity” was to assess the knowledge of the 1st year students. The quiz questions included questions based on elementary science and basic life science. The quiz was conducted online via google meet. The students participated enthusiastically.

Learning Objective

The activity aimed to know their abilities, skills and understanding of the subject.

**SOPHIA GIRLS' COLLEGE (AUTONOMOUS),
AJMER**



FLORICANS -THE ZOOLOGY FORUM

**THIS IS TO CERTIFY THAT MS. PALAK VIJAYAVARIYA
B.SC BIO I HAS PARTICIPATED IN QUIZ COMPETITION
ORGANISED BY FLORICANS - THE ZOOLOGY FORUM &
SECURED (I ST) POSITION.**

Mriga

MRS. MRIGANKA UPADHYAY
INCHARGE OF FLORICANS

Sr. Pearl

DR.SR .PEARL
PRINCIPAL

Mriga

**Head
Department of Zoology
Sophia Girls' College
(Autonomous), Ajmer**

6. Guest lecture by Sr Swapana John (Dept of Zoology) delivered to the students of Holy Cross College, Agarthala (MOU with the Department)

Name of Department: Zoology

Date of activity:4th March 2021

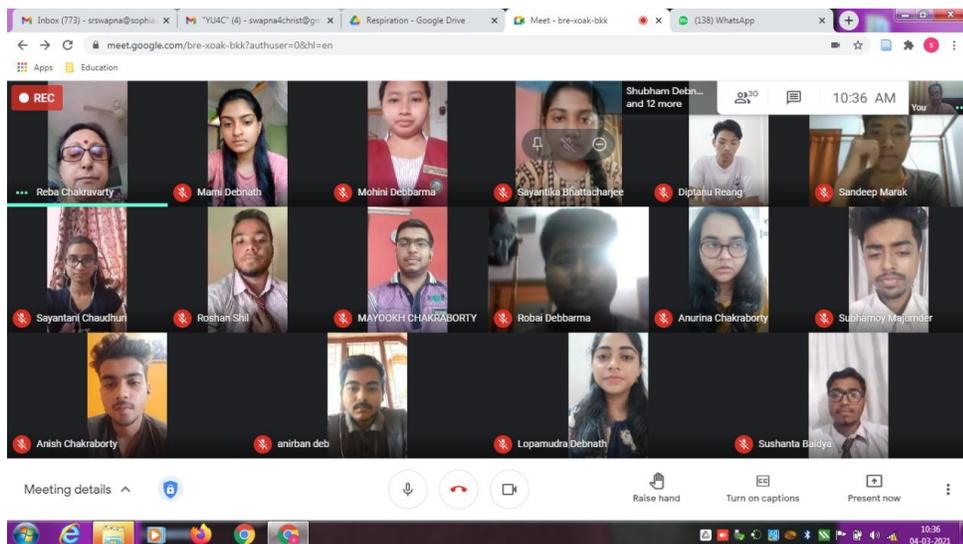
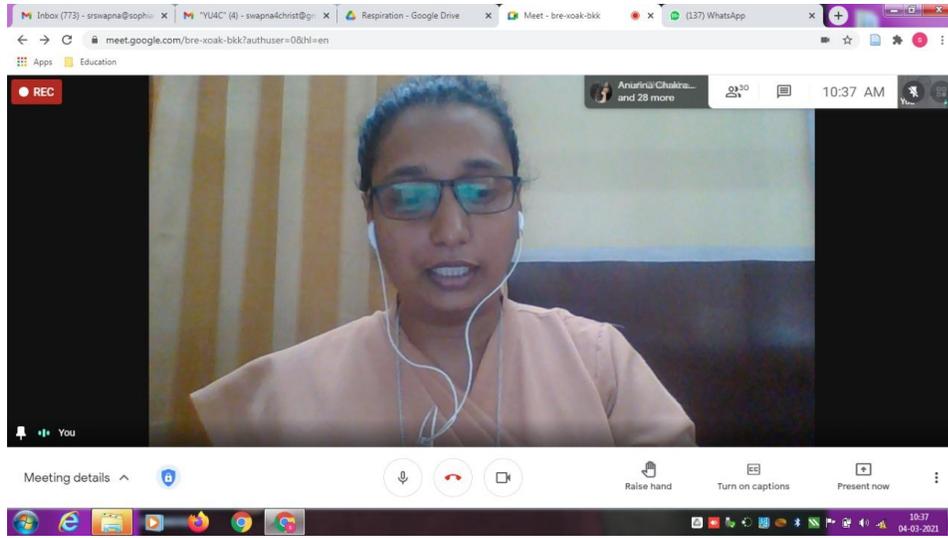
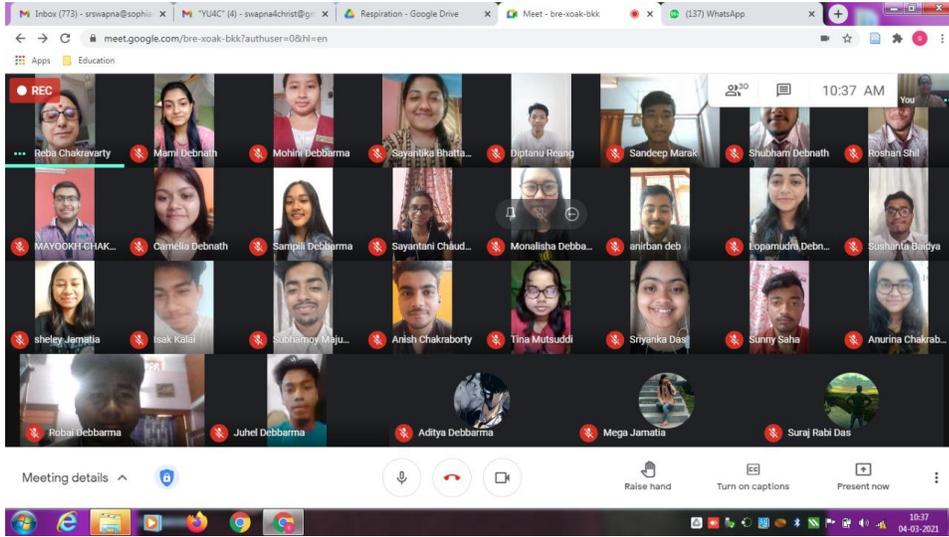
Category of Event:Online Guest lecture by Sr Swapana John (Dept of Zoology) delivered to the students of Holy Cross College, Agarthala (MOU with the Department)

Title of the Event:Online Guest Lecture

Number of Participants:32 Students & 1 Faculty Member from Holy Cross College, Agarthala.

Report

On 4th March 2021 a Guest lecture was delivered to the students of Holy Cross College Agartala on the topic Respiration in *Pila*. The lecture was given by Sr Swapana (Assistant Professor Zoology Department, Sophia College Ajmer). 32 students and a faculty member of Holy Cross College attended the session.



7. Online Guest Lecture on the women related problems

SOPHIA GIRLS' COLLEGE (AUTONOMOUS), 
AJMER

 **FLORICANS** DEPARTMENT OF ZOOLOGY

GUEST SPEAKER

Guest lecture
♀ On
PCOD
and Women related problems



Dr. Gunjan Sharma
(Senior Gynaecologist and Obstetrician, Entrepreneur)

SYNDROME HORMONE
WOMEN PCOS
MISSCARRIAGE
PROGESTERON
MENSTRUAL CYCLE
OVULATION

POLYCYSTIC
DIET
INFERTILITY
LIFE
POLYCYSTIC
PREGNANT
OVARY

Date: 3rd June (Thursday)
Time : 4:00-5:00PM

Name of Department Zoology

Date of activity-3rd June 2021

Title of the Event- Online Guest Lecture on the women related problems

Number of Participants-93 Students & 5 staff members & 1 resource person.

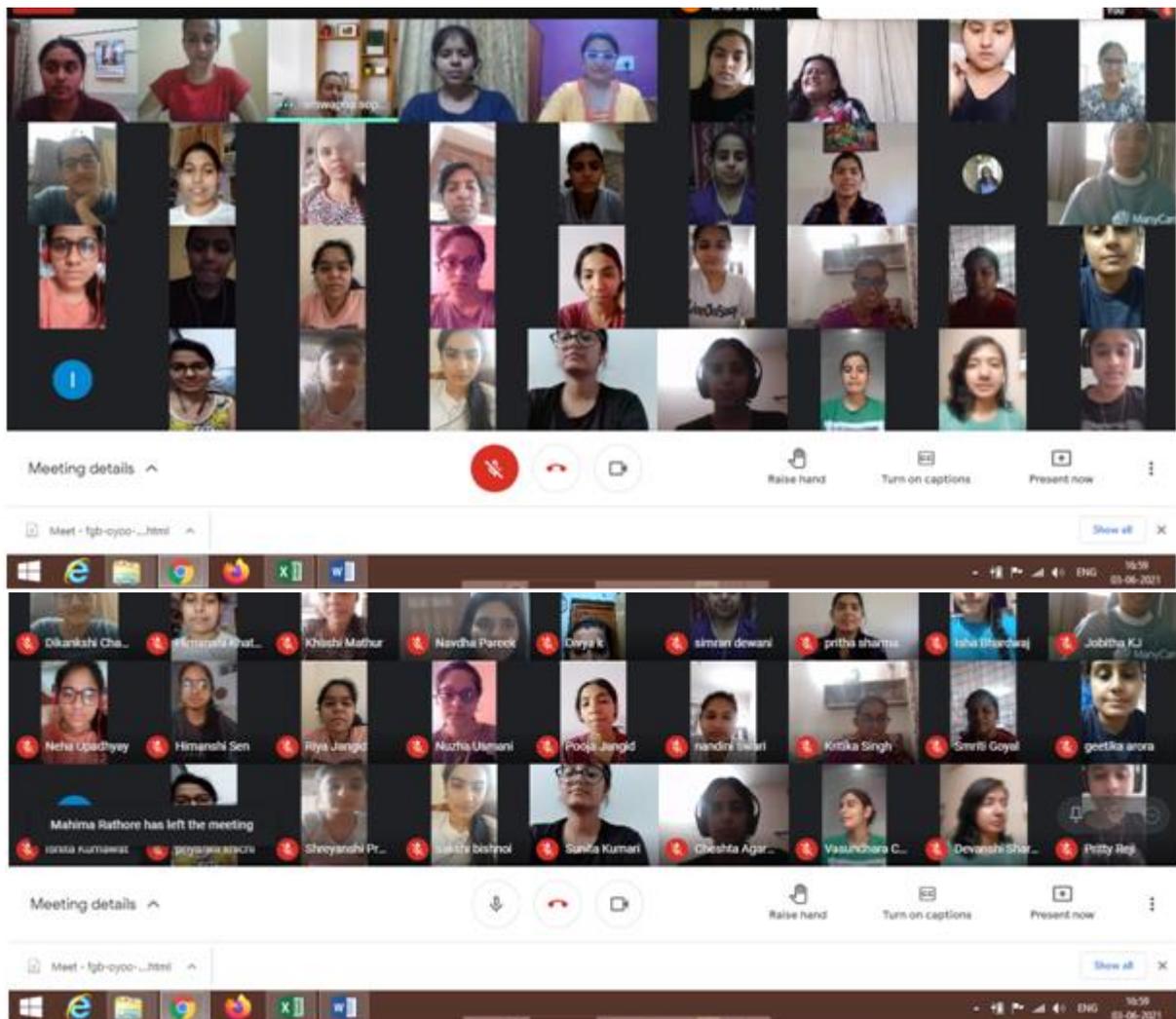
Details of Resource Persons-Dr Gunjan Sharma, a Senior Gynaecologist, an Obstetrician and an Entrepreneur running a Maternity and General Hospital- Proprietor Chandrabhan Hospital Jaipur

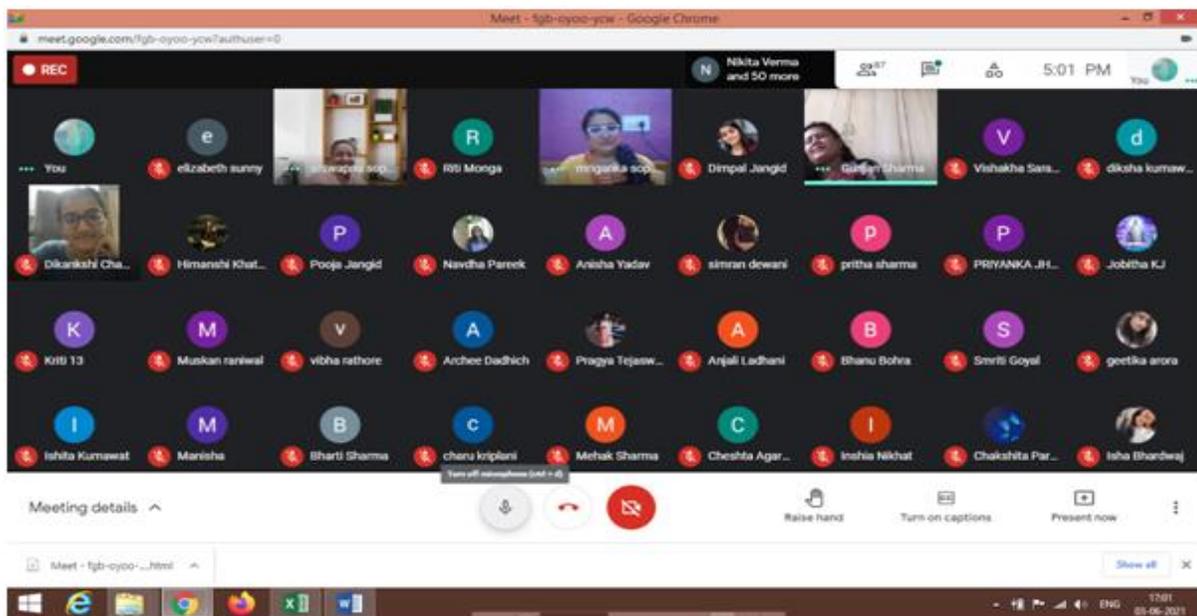
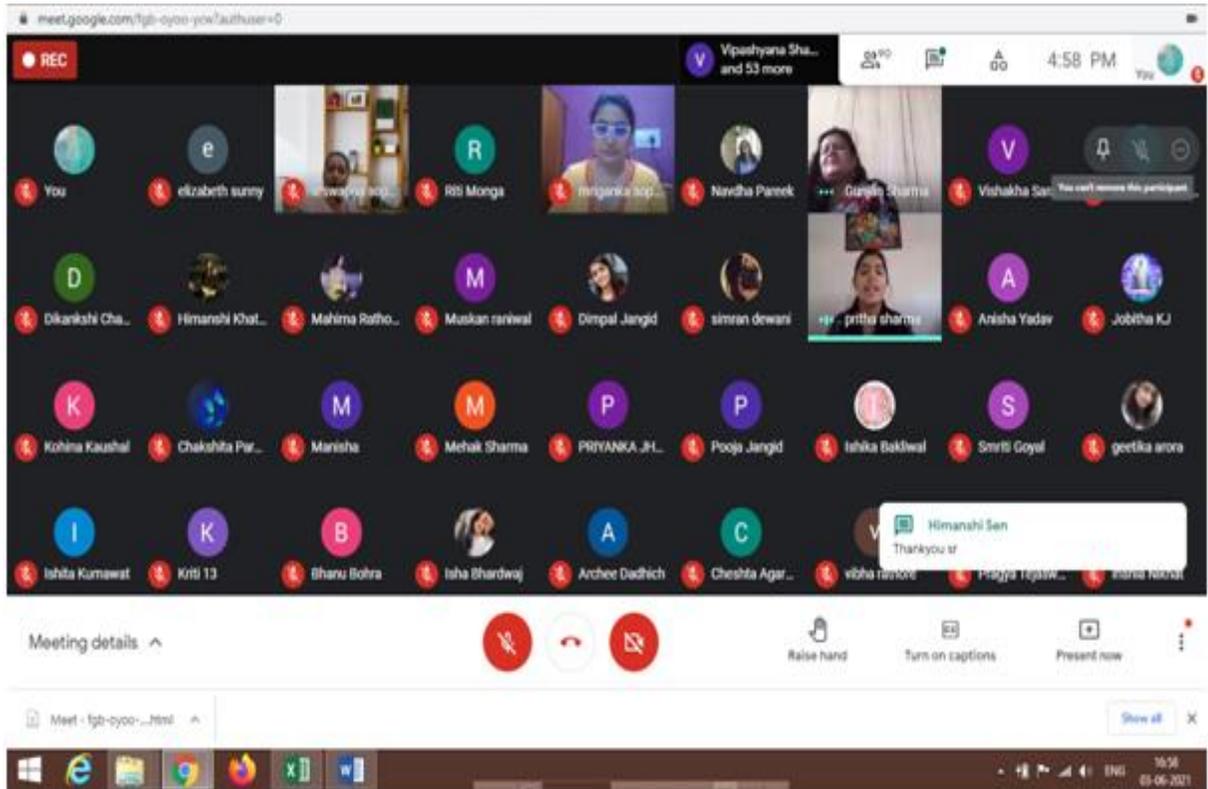
Report

The resource person Dr Gunjan Sharma, a Senior Gynaecologist, an Obstetrician and an Entrepreneur running a Maternity and General Hospital- Proprietor Chandrabhan Hospital Jaipur discussed various ‘women related problems’. It mainly focused on the severity of these health problems and the grave consequences it may result when ignored or not treated in time. The talk was followed by an interactive session wherein Dr Sharma answered all the queries of the students.

Learning Objective

The talk aimed at having an open discussion regarding women related health problems. Special emphasis was on PCOD, and hygiene during menstruation cycle and other dos and don'ts





8. 1 st year students Digital Poster Making Competition and video/ppt making competition on Immunity Booster Recipie

FLORICANS DEPARTMENT OF ZOOLOGY

**SOPHIA GIRLS' COLLEGE
(AUTONOMOUS), AJMER**



**DIGITAL POSTER MAKING COMPETITION
FOR THE FIRST YEAR
TOPIC: DIGITAL POSTER ON PREVENTION &
VACCINATION OF COVID 19**

RULES: -POSTER SHOULD BE A4 SIZE

-IT SHOULD DELIVER A MESSAGE

DATE OF SUBMISSION: 4TH JUNE,2021(FRIDAY)

MAIL AT: floricanssgca@gmail.com



FLORICANS DEPARTMENT OF ZOOLOGY
SOPHIA GIRLS' COLLEGE, (AUTONOMOUS) AJMER

**VIDEO/PPT MAKING COMPETITION
FOR THE SECOND & THIRD YEAR
TOPIC: Immunity booster recipe
(specially emphasizing the nutrients present)**

**RULES: -Create a video and advertise the same
-Time limit for video 2 to 5 minutes
-Slides should not exceed more than 5**

DATE OF SUBMISSION: 4th June,2021(Friday)
MAIL AT: floricanssgca@gmail.com

Name of Department Zoology

Date of activity-4th June 2021

Level of Event-Intra Departmental

Title of the Event- 1 st year students Digital Poster Making Competition

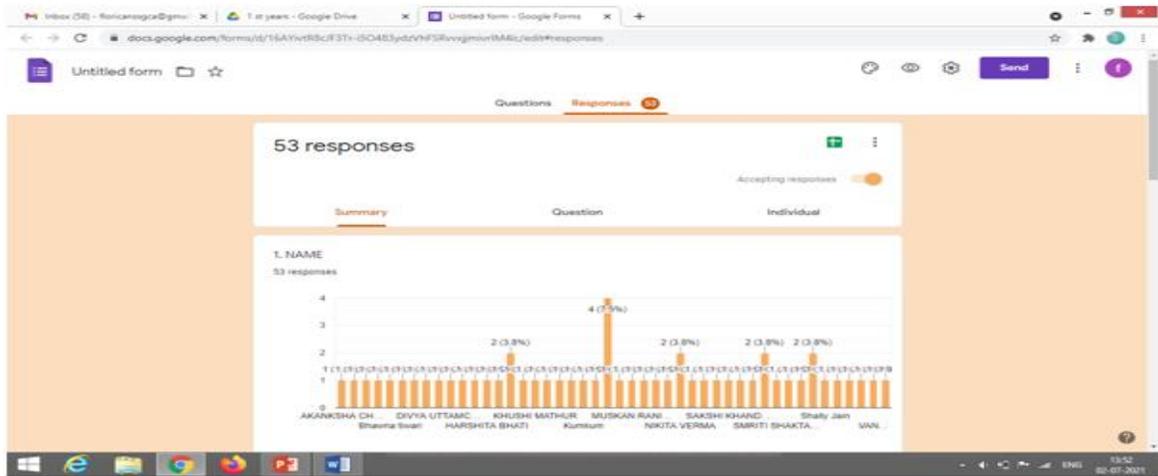
Number of Participants-53

Report

The hiatus developed due to the Covid Pandemic lockdown had to be filled by continuously interacting with the students Keeping this in mind the first-year students were given the task to prepare a Digital poster on the prevention and vaccination of Covid 19 Pandemic. The students were supposed to submit a soft copy of the posters and even present the same.

Learning Objective

The ulterior motive of this project was to inculcate and increase their creativity skills and to impart knowledge. This helped them to have a better understanding of the prevention measures related to the pandemic.



Untitled form - Google Forms

SOPHIA GIRLS' COLLEGE, AJMER
(AUTONOMOUS)

Digital Poster Submission Form

FLORICANS ZOOLOGY FORUM

poster - Khushi Mathur.pdf

Self distancing

#vaccination is safe

And your loved ones

#StopTheSpread

IS THE NEW

SELF CARE

#theSafe WaytoTravel

By KHUSHI MATHUR

Poster on covid 19 by Shally Jain - shally jain

File Edit View Insert Format Slide Arrange Tools Help Last edit was made on June 4 by shally jain

Background Layout Theme Transition

1

Either stay inside **OR** Wear mask

• If you are not interested in doing both ...he doesn't minds to take you ...

Precautions to take in covid -19 period-

- Stay in your home because you have one.
- Wash your hands regularly with soap or hand sanitizer.
- Don't touch unknown objects.
- Maintain distance with people.
- Don't visit to crowded places.
- Get vaccinated if you are 18 or above 18.
- Follow government guidelines.
- **MOST IMPORTANT-Wear a mask at every place you go.**

For death you are just another person, but for your family you are everything.
Please don't take corona as a joke otherwise your life will become a joke.

Click to add speaker notes

COVID-19 precautions poster by Shweta Tiwari - Shweta Tiwari

Prevent the spread of **COVID-19**

- 1 Wear a mask!
- 2 WASH YOUR HANDS
- 3 SOCIAL DISTANCING
- 4
- 5

Mishra
Head
Department of Zoology
Sophia Girls' College
(Autonomous), Ajmer

Name of Department Zoology

Date of activity-4th June 2021

Level of Event-Intra Departmental

Title of the Event- video/ppt making competition on Immunity Booster Recipe

Number of Participants-51

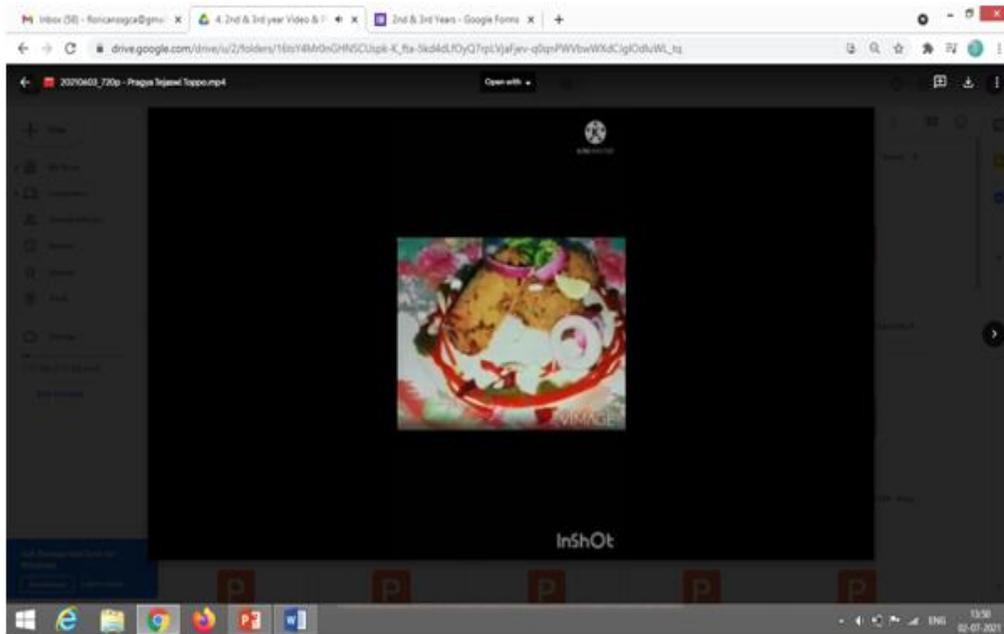
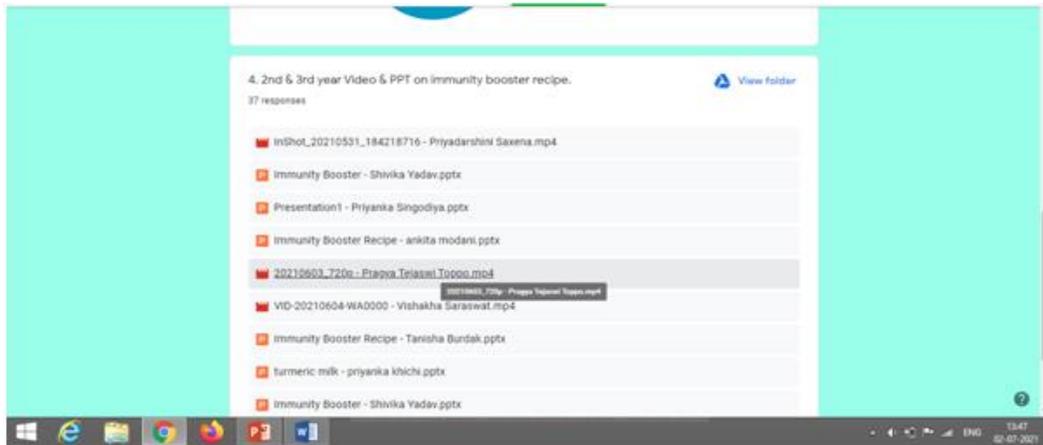
Report

Second and the third year students were ask to prepare a video or a ppt on Immunity Booster recipe which should include all the nutritional contents of those ingredients and other health advantages in this time of pandemic. The aim of the activity was to make the students aware about the various nutritional contents and how to incorporate them in daily diet so as to improve the immunity.

Learning Outcome

The ulterior motive of this project was to inculcate and increase their creativity skills and to impart knowledge. This helped them to have a better understanding of the prevention measures related to the pandemic.





**SOPHIA GIRLS' COLLEGE
(AUTONOMOUS), AJMER**



THIS CERTIFIES THAT

MS. SUBHI GAUTAM

HAS PARTICIPATED IN DIGITAL POSTER
MAKING COMPETITION AND SECURED
(IInd) POSITION

MRS MRIGANKA
UPADHYAY
INCHARGE- FLORICANS

DR SR PEARL
PRINCIPAL