

**POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS
SECTOR-11, CHANDIGARH**



COURAGE TO KNOW

**Department of Zoology: Jeevansh
(Session: 2019-2020)**

INDEX

S.No.	Activity	Date	Page No.
1.	Visit to Sewage treatment Plant, Panchkula	12 th September, 2019	1
2.	Visit to Sukhna lake	4 th February, 2020	2
3.	Visit to Chatbir Zoo	28 th February, 2020	3
4.	International Bird Endemic Day	8 th May, 2020	4
5.	International Day for Biological Diversity	22 nd May, 2020	5
6.	Poster making competition 'Role of Immune system & COVID 19'	28 th May, 2020	6
7.	Poster making competition on World's Environment day	5 th June, 2020	7
8.	Webinar on Theme: All About Covid 19	8 th June, 2020	8
9.	Virtual National Seminar on Science and Technology for Human welfare and its effects on Conservation	14 th June, 2020	9

Alphatz

Shandha
Principal

Post. Graduate Govt. College for Girls
Sector 11, Chandigarh

Visit to Sewage treatment Plant, Panchkula

Post Graduate College for Girls, Sector-11, Chandigarh, organised a visit on **12th September, 2019** to Sewage Treatment Plant for celebrating Swachta Pakhwara. The students of MSc. Zoology and Community Health and Public hygiene society visited the plant. The aim of the visit was to sensitise them the process of removing contaminants from municipal wastewater, containing mainly household sewage plus some industrial wastewater. Physical, chemical, and biological processes used during the process to remove contaminants and produce treated wastewater that is safe enough for release into the environment was illustrated. Around 50 students visited the plant.



Visit to Sewage treatment Plant



Visit to Sewage Treatment Plant for celebrating Swachta Pakhwara

Visit to Sukhna lake

Zoology Department of Post Graduate College for Girls, Sector-11, Chandigarh, organised a visit on **4th February, 2020** to study the migratory birds and wetlands at Sukhna Lake to celebrate World Wetland Day on 2nd February. The students of MSc.I (Zoology) along with faculty members namely Dr. Umesh Bharti & Dr. Simarjit Kaur visited the rare end of Sukhna Lake. The aim of the visit was to sensitise them about the need of the wetlands in replenishing ground water, cleaning water, changing the climate and alluring the migratory birds. Large number of migratory birds was present in the Sukhna Lake and the students learn how the temperature and climatic parameters influence their migration. Around 50 students visited the Sukhna lake.



Visit to Sukhna Lake to celebrate World Wetland Day



Migratory Birds present in the Sukhna Lake

Visit to Chatbir Zoo

Students of MSc. II (Zoology) along with the staff members of the Zoology Department of PG Govt. College for Girls, Sector 11, Chandigarh visited the Zoo on **28th February, 2020** by college bus. Around 50 students study the distribution, habits, feeding pattern of various animals like Lion, Tiger, Leopard, elephant, snakes, various birds, Gavialis, different types of Deer. The students also visited the Lion Safari and Deer Safari.



Students visited the Lion Safari and Deer Safari



Visit to Chatbir Zoo

International Bird Endemic Day

In view of celebrating International Bird Endemic Day on 8th May, 2020, department of Zoology organized a live photography competition and Bird watching activity for all the students of Zoology. A total of 50 entries were received that also included 250 photographs, 10 audios and 10 videos encasing behaviour of birds. The 5 best photographs were selected for prizes. The photographs were compiled in the form of video.



Photography Competition photos



Photography Competition photos

International Day for Biological Diversity

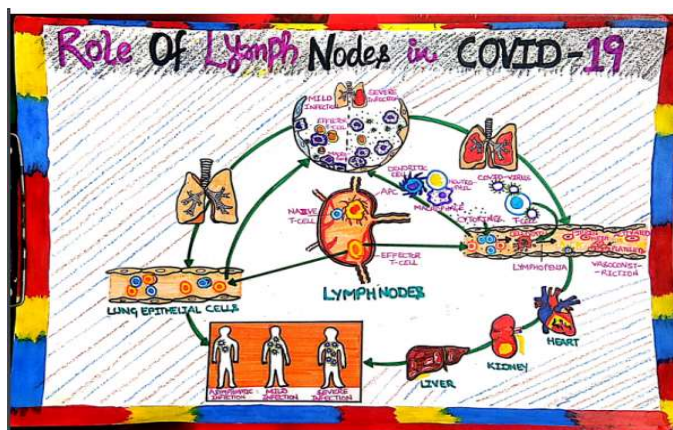
Department of Zoology organized poster cum slogan writing competition to celebrate International Day for Biological Diversity on **22nd May, 2020**. The theme for this day was 'Our solutions are in Nature'. Around 25 students of M.Sc. II Zoology (4th Sem.) participated in the poster making competition and in view of COVID 19 outbreak, all the posters were compiled in the form of video.



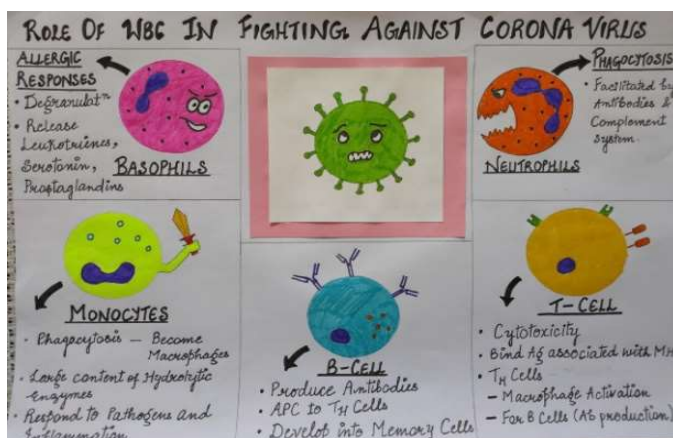
Slogan Writing Competitions during Covid-19 Outbreak

Poster making competition ‘Role of Immune system & COVID 19’

Department of Zoology organized poster competition for students of M.Sc. I Zoology (2nd Sem.) on theme ‘Role of Immune system & COVID 19. Around 20 students participated and presented their posters displaying various aspects of our immune system and its impact on transmission of coronavirus in human population. The posters were compiled in the form of video on **28th May, 2020.**



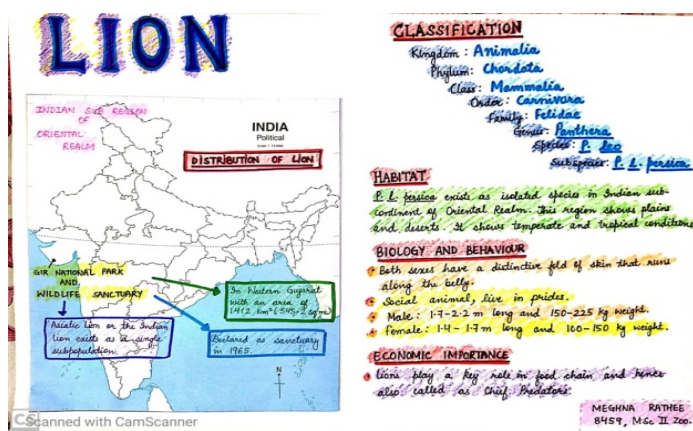
Posters made by M.Sc.I students



Posters displaying various aspects of our immune system

Poster making competition on World's Environment day

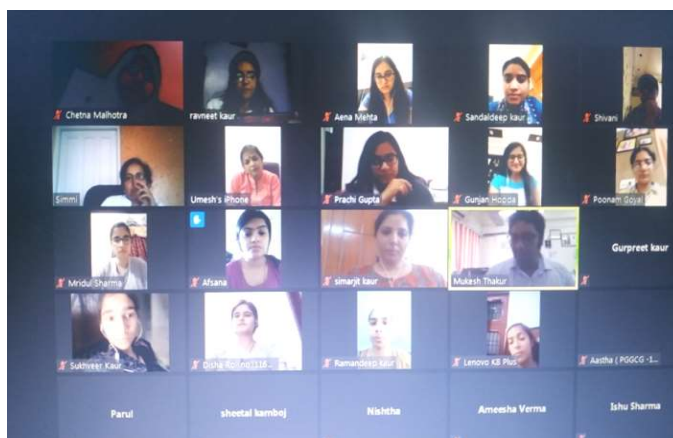
Department of Zoology celebrated World's Environment day on 5th June, 2020 by organizing poster making competition on theme 'Celebrate Biodiversity'. Around 20 Students of M.Sc. II Zoology (4th Sem.) presented the biodiversity pattern of various animals of the World enlisted in ICZN RED DATA LIST that includes threatened, endangered and critical endangered categories in the form of virtual posters. All the posters were compiled in the form of video.



Poster making competition on theme 'Celebrate Biodiversity'

Webinar on Theme: All About Covid 19

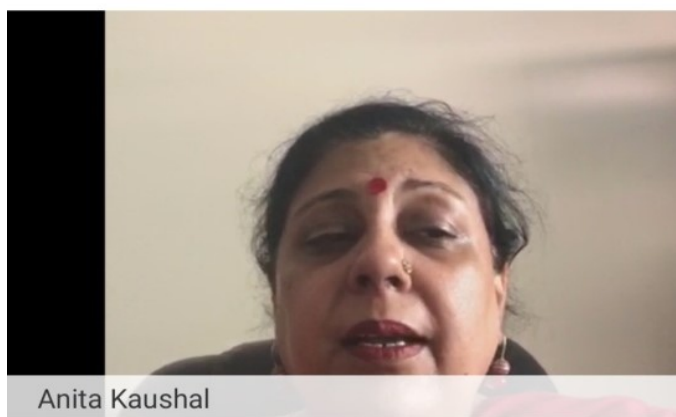
Department of Zoology and Community Hygiene and Public Health Society organized a Webinar on theme 'ALL ABOUT COVID 19' on **8th June, 2020** (11.00 AM onwards). The speaker was Dr. Mukesh Thakur (Scientist C) – Centre for DNA Taxonomy & Coordinator Centre for Forensic Sciences, Zoological Survey of India, Kolkata. He spoke on topic 'Spread and transmission of SARS-COV 2 in India through an Evolutionary genetic approach'. The speaker stressed on the molecular and genetic aspects of SARS COV 2 spread. About 200 registrations were done for the webinar through the mode of google forms. The same webinar involved the e-poster presentation by our students from various classes (B.Sc I, B.Sc II, B.Sc III, M.Sc I, M.Sc II). The e-posters were presented virtually on various sub themes – History of COVID 19, Symptoms & Prevention of COVID 19, Molecular and genetic aspects of COVID 19 transmission and Impact of COVID 19 on Biodiversity and Environment. The session ended with a fruitful and informative discussion with the speaker. The webinar was hosted on Zoom platform.



Webinar on theme 'All About COVID 19'

Virtual National Seminar on Science and Technology for Human welfare and its effects on Conservation

The Science faculty of the College organized Virtual National Seminar on Science and Technology for Human welfare and its effects on Conservation on **14th June, 2020**. The Speaker for Zoology Department, Dr. Archana Chauhan (Assistant Professor, Department of Zoology, Panjab University, Chandigarh spoke on Theme – ‘DNA Barcoding’. She stressed on the prerequisites for candidate Barcode, mitochondrial and nuclear genes, commonly used DNA barcodes, DNA barcoding community and the procedure of DNA barcoding. The session ended with the informative discussions and interactions between students and the speaker. Around 70 students attended the lecture.



Dr. Archana Chauhan delivering the lecture