

Department of Zoology Session 2020-21

List of Activities

Activity 1	Establishment of Zoology Association	December 2020
Activity 2	Webinar on Biodiversity for Knowledge Upgradation	19th January 2021
Activity 3 Photography Competition on Avia (Birds) Fauna of Hisar		6th March 2021

Dr. Meenakshi Jindal

Incharge Zoology Association Dr. Vivek Srivastava

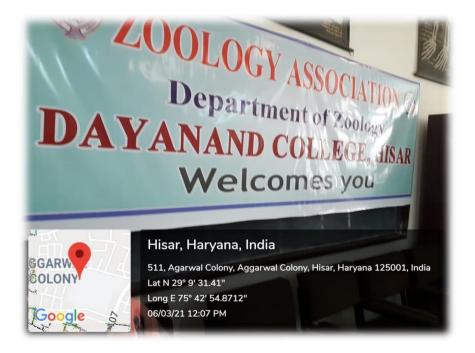
Professor Incharge Department of Zoology



Department of Zoology Session 2020-21

Establishment of Subject Society - Zoology Association

Subject society - Zoology Association is the **new Association** which comes into existence in **December 2020** by Dr. Vivek Srivastava, Head of Department. The main motive of Association is the Holistic development of the students. After coming into existence, the association thought new ideas to encourage the science students. This is because the new ideas can change the universe.

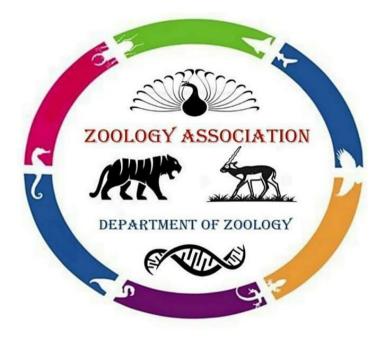


About the Emblem of Zoology Association

The Emblem shows

National Animal	Tiger
National Bird	Peacock
State Animal	Blackbuck

These animals signify the diversity of animals in India



This Emblem of Zoology Associationwas made by the Joint efforts of: Dr. Vivek Srivastava,Dr. Meenakshi Jindal Mr. Sachin



Webinar on Biodiversity for Knowledge Upgradation

Organized by: Department of Zoology



Date of Webinar

19th January 2021

Organizer

Dr. Vivek Srivastava Professor Incharge Department of Zoology Dayanand College, Hisar

One Day National Webinar Organized by Department of Zoology

On

Wildlife and Environment Conservation in India: How to Study Direct & Indirect Field Observations?

(Brochure Copy attached)

On 19th January 2021 at 11:30 am

Eminent Speaker



Dr. Deepak Rai Assistant Professor, Department of Zoology President- Zoology Association Deputy Director- Public Relations Kurukshetra University, Kurukshetra-132119, Haryana



DAYANAND COLLEGE, HISAR

Accredited with 'A' Grade by NAAC Governed by DAV College Managing Committee, New Delhi Affiliated to Guru Jambheshwar University of Science & Technology, Hisar

Department of Zoology Invites you to join a National Webinar on Wildlife and Environment Conservation in India: How to study direct & indirect field observations?

On 19th Jan. 2021 at 11:30 am

Eminent Speaker:



Dr. Deepak Rai Assistant Professor, Department of Zoology President- Zoology Association, Deputy Director-Public Relations, Kurukshetra University, Kurukshetra-132119, Haryana

About the Webinar

"Our solutions are in nature" – This emphasizes the importance of working together at all levels to build a future of life in harmony with nature. Biological diversity resources are the pillars upon which we build civilization. It brings together different groups in society to conserve nature issues *i.e.* sustainability. The loss of biodiversity threatens all including our health. It could extend zoonosis. Since, several species are often involved in the spread of infection, the loss of biodiversity and extinction of many species increase the chances of pathogens reaching human being. If we keep it intact, then it proves to be an excellent tool in pandemics like Corona virus.

Convener	Patron
Dr. Vivek Srivastava	Dr. Vikramjit Singh
Head, Department of Botany	Principal
Prof. Incharge - Department of Zoology	

Webinar Details (Copy of Brochure attached)

Dr. Vikramjit Singh, Principal, Dayanand College
Dr. Vivek Srivastava, Professor In- charge, Department of Zoology
Dr. Aditya Kumar Assistant Professor Department of Botany Dr. Chhavi Mangl Assistant Professo Department of Botany
Department of Botaly Dr. Hemant Sharma Assistant Professor Department of Botany Dr.Meenakshi Jindal Assistant Professor Department of Zoology Mr. Sachin Assistant Professor Department of Zoology
Ms. Anju Bal Assistant Professor Department of Zoolog Dr. Urmila Assistant Professor Department of Zoology Mrs. Poonam Devi Assistant Professo Department of Zoolog Ms. Himani Assistant Professor Department of Zoology Sh. Sushil Rajpa Ms. Alka Golyan Assistant Professor Deptt. of Computer Sc. Ms. Monila Assistant Professor Deptt. of Computer Sc
zoologywebinar@gmail.com
https://forms.gle/5JeC9UB5LoLQZ6HM9
283



8:57 PM

Links to Join Webinar

Link for Faculty Members (Zoom Link)

À Forwarded

Join our Cloud HD Video Meeting

Zoom is the leader in modern enterprise video communications, with an easy, reliable cloud platform for video and audio conferencing, chat, and webinars across mobile, us02web.zoom.us

Zoom Link for the national webinar.

Join Zoom Meeting

https://us02web.zoom.us/j/82116503590? pwd=dDNmQ3poeE96NTUrZVJ0dkxZa2RFUT09

Meeting ID: 821 1650 3590

Passcode: 299939

Link for Students & research Scholars (YouTube Link)



Feedback Link (Common for all Participants)

Feedback Link-

Feedback form link: https://forms.gle/gNTLcTJowaxqgE1G7

Total Feedbacks Received - 101

Press Release (Newspaper Cuttings)

जैवविविधता को बनाए रखना जरूरी : डॉ. राय

हिसार | डीएन कॉलेज के प्राणी विज्ञान विभाग ने वाइल्ड लाइफ एंड एन्वॉयरमेंट कंजर्वेशन इन इंडियाः हउ टू स्टडी डायरेक्ट एंड इनडायरेक्ट फील्ड ऑब्जर्वेशन विषय पर राष्ट्रीय वेब संगोष्ठी की। इसमें मुख्य वक्ता के रूप में डॉ. दीपक राय, सहायक प्राध्यापक, प्राणी विज्ञान विभाग, कुरूक्षेत्र विश्वविद्यालय ने व्याख्यान प्रस्तुत किया। डॉ. दीपक ने बताया कि किस तरह से पर्यावरण के सरंक्षण के लिए जैवविविधता के संरक्षण आवश्यक है।

डॉ. दीपक ने बताया कि मानव समाज के कल्याण और स्थिरता को बनाए रखने के लिए जैवविविधता को बनाए रखना जरूरी है। डॉ. दीपक ने छात्रों व शिक्षकों को जंगल व जंगली जानवरों की विविधता की खोज किस आधार पर की जाती है, इसकी जानकारी दी। प्राचार्य डॉ. विक्रमजीत सिंह ने डॉ. दीपक राय का स्वागत किया। कार्यक्रम के संयोजक व वनस्पति विभाग के अध्यक्ष डॉ. विवेक श्रीवास्तव ने बताया कि कार्यक्रम में लगभग 285 प्रतिभागियों ने रजिस्ट्रेशन करवाया। The Department of Zoology of Dayanand College Hisar organised one day National Webinar on the topic Wildlife and Environment Conservation in India: How to Study Direct and Indirect Field Observations? Dr Deepak Rai, Assistant Professor at Department of Zoology Kurukshetra University Kurukshetra was keynote speaker. My heartiest **congratulations** to Department of Zoology. Thank You Very Much Dr. Deepak ji for informative and beautiful presentation.



दयानंद कालेज ने जैव विविधता संरक्षण पर कराई राष्ट्रीय संगोष्ठी

पाठकपक्ष न्यूज

हिसार, 19 जनवरी : दयानन्द महाविद्यालय, हिसार के प्राणी विज्ञान विभाग द्वारा "Wild Life and Environment Conservation in India : How to Study Direct And Indirect Filed Observation?" विषय पर राष्ट्रीय वैब संगोष्ठी का आयोजन किया गया। इस संगोष्ठी में मुख्य वक्ता के रूप में डॉ. दीपक राय, सहायक प्राध्यापक, प्राणी विज्ञान विभाग, कुरूक्षेत्र विश्वविद्यालय, करूक्षेत्र ने अपना व्याख्यान प्रस्तुत किया। डॉ. दीपक ने बताया कि किस तरह से पर्यावरण के सरंक्षण के लिए जैव विविधता अथवा biodiversity के संरक्षण आवश्यक है। उन्होंने बताया कि मानव समाज के कल्याण और स्थिरता को बनाए



रखने के लिए जैवविविधता को बनाए रखना जरूरी है। डॉ. दीपक ने छात्रों व शिक्षकों को जंगल व जंगली जानवरों की विविधता की खोज किस आधार पर की जाती है, इसकी जानकारी दी। महाविद्यालय के प्राचार्य डॉ. विक्रमजीत सिंह ने डॉ. दीपक राय का स्वागत करते हुए कहा कि डॉ. दीपक राय दयानन्द महाविद्यालय, हिसार में सन् 2008-2012 तक अपनी सेवाएं के एक सदस्य के रूप में हैं। कार्यक्रम के संयोजक व वनस्पति विभाग के अध्यक्ष डॉ. विवेक श्रीवास्तव ने बताया कि कार्यक्रम में लगभग 285 प्रतिभागियों ने रजिस्ट्रेशन करवाया जिनमें मुख्य रूप से अध्यापक व शोध विद्यार्थी उपस्थित रहे। इस कार्यक्रम में कार्यक्रम की आयोजन सह-सचिव डॉ. मिनाक्षी जिंदल ने प्रतिभागियों के द्वारा पूछे गए प्रश्नोत्तर काल का संचालन किया। वैबीनार उपसंयोजक डॉ. आदित्य कुमार, डॉ. छवि मंगला के अतिरिक्त सचिन मेहरा तथा कम्प्यूटर साईंस विभाग की अलका, मोनिका और सशील राजपाल उपस्थित रहे। कार्यक्रम के अंत में कार्यक्रम के आयोजन सचिव डॉ. हेमन्त शर्मा ने मुख्य वक्ता डॉ. दीपक राय, प्राचार्य डॉ. विक्रमजीत सिंह और अन्य सभी प्रतिभागियों का धन्यवाद प्रस्तुत किया।



Department of Zoology

Photography Competition on Avian (Birds) Fauna of Hisar



Venue

Zoology Laboratory No. 1 Department of Zoology Dayanand College, Hisar

Date of Exhibition

6th March 2021

Organizer

Zoology Association Department of Zoology Dayanand College, Hisar

Detailed Program of Photography Competition

Topic of Exhibition Avian (Birds) Fauna of Hisar

Theme Birds around you

Venue

Zoology Laboratory No. 1 Department of Zoology Dayanand College, Hisar

Date of Exhibition Time of Exhibition

Organizer

6th March 2021 (Copy of Notice Attached) 11:00 am

Zoology Association Department of Zoology Dayanand College, Hisar

DAYANAND COLLEGE HISAR

Department of Zoology

Notice

Date: 03/3/2021

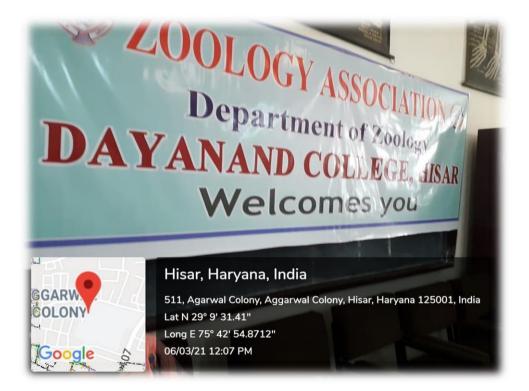
Zoology Association, Department of Zoology is going to organise a photography competition on the topic "AVIAN (Birds) FAUNA" of Hisar on 6/03/2021 at 11:00 a.m. in Zoology Department. In this event, the Geotagged photographs of the birds will be displayed by the students. All the teachers are cordially invited to grace the occasion.

Dr. Vivek Srivastava Prof. In-charge

VV Principal

Purpose of Exhibition

Photography is the passion of today's new generation. They goes on clicking the pictures of each and everything in this universe which comes in their path. Keeping this in mind, Association thought to link this interest of clicking photographs of new generation with the environment. Thus, the Association decided to organize a photography competition on Birds Diversity for zoology students at college level. This is a great, amazing and new idea.



The main reason for organizing this competition is that due to Covid pandemic we all have become so lazy. Moreover, students get bored with online mode of teaching. They need something new, which fills them with energy. Thus, there is a great need to create the urge of doing something new in students. We know the education dynamics is been completely changed due to pandemic, this is our first event which was organized by Zoology Association in the department. Although all the social distancing norms and guidelines issued by college and government were fully followed during photography and during the exhibition.

Birds teaches great Life lesson All you have to do is listen to their song

It is the encouragement of our Principal Dr. Vikramjit Singh that he gave permission to organize such an amazing competition. Some rules were framed for the participants so that originality of the photographs can be maintained. (Copy of rules attached)

DAYANAND COLLEGE, HISAR		
DEPARTMENT OF ZOOLOGY		
NOTICE		
Date- 23-01-2021		
We are pleased to announce that the Subject Society Zoology Association is organizing a photography competition for Zoology students on "Avian Fauna"		
<u>Theme-</u> Birds Around you		
Rules for the Photography Competition :		
1. Should be an original photograph taken by the contestant.		
• Each submitted photograph must be in its entirety a single work of original material taken by the contestant / student.		
Photograph should be geotagged with time, date & location.		
• A coloured printout of photograph (size10"×8") with name, class, Roll no. should be submitted on a geography sheet.		
2. Deadline : All photographs should be submitted by 15 th February, 2021		
To Ms. Anju and Ms. Himani Singla (Asst.Professors in Zoology department)		
3. The best entries will be selected for 1 st , 2 nd , & 3 rd prize and displayed		
 Follow all the guidelines issued by government and college authorities in regard to COVID- 19: Wear mask properly, maintain social distancing & proper hand sanitization during photography 		
Please stay safe & Enjoy the birds in your Vicinity.		
Dr.Vivek Srivastava Head, Dept. of Zoology		

It was decided that the photographs of birds around Hisar district were considered valid only. For this purpose only geotagged photographs were decided to be considered as valid for competition. Head of the Department Dr. Vivek Srivastava gave new ideas time to time related with the competition which made the competition successful.

The association president Ms. Zinat, student of B.Sc. 3rd year, alongwith other members of Association took keen interest in organizing the function. All these members of the association under the guidance of staff members *viz*. Dr. Meenakshi Jindal, Mr. Sachin, Ms Poonam Devi, Ms. Anju Bala, Dr. Urmila, Ms. Himani and Ms. Nikita, organised the competition in very beautiful manner.

Prizes

1 st Prize	₹ 500
2 nd Prize	₹ 300
3 rd Prize	₹ 200
Two Consolation Prizes	₹ 200 each

The cash prizes increased the enthusiasm of the students and they participated in competition with full energy.

Details of Entries (Copy Attached)

Total Number of Participants - 39

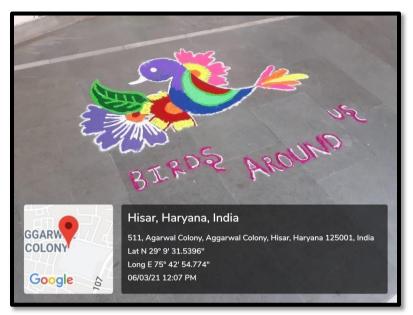
Total Number of Entries - 55 (Multiple entries by individual participant was allowed)

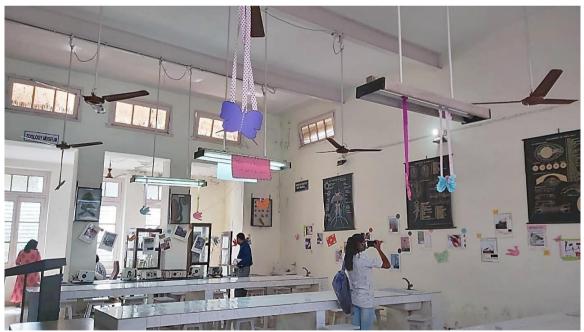
Sr. No.	Name of student	Class	Roll No.	Bird's Common Name	Scientific Name
1	Mamta Devi	B.Sc. 1 st A2	203042350165	Red wattled lapwing	Vanellus indicus
2	Monika	B.Sc. 1 st A2	203042350090	Rock pigeon	Columba livia
3	Pooja Devi	B.Sc. 1 st A2	203042350088	Rock pigeon	Columba livia
4	Sangeeta	B.Sc. 1 st A2	203042350091	Indian fantail	Columba livia
				Domestic pigeon	
5	Akash	B.Sc. 1 st A2	203042350131	Domestic pigeon	Columba livia domestica
6	Naseeb	B.Sc. 1 st A2	203042350125	Cock	Gallus gallus domestica
7	Swati	B.Sc. 1 st A2	203042350095	Domestic pigeon	Columba livia
8	Payal	B.Sc. 1 st A2	203042350094	Domestic pigeon	Columba livia domestica
9	Amit Kumar	B.Sc. 1 st A2	203042350184	Cattle egret	Ardea
10	Komal	B.Sc. 1 st A2	203042350083	Dove &	Zenaida macroura
				Egret	Ardea
11	Gunjan	B.Sc. 1st A1	203042350008	Rock pigeon	Rock pigeon
2	Anshuman	B.Sc. 1 st A2	203042350136	Rock pigeon	Rock pigeon
	Pushpa	B.Sc. 1st B	203042360062	Myna	Acridotheres
13	Jyoti	B.Sc. 1st B	203042350038	Parrot	Psittacula
14	Rahul	B.Sc. 1st A2	203042360044	Red wattled lapwing	Vanellus indicus
15	Nishu	B.Sc. 1 st A1	2.03042E+11	House Sparrow	Passer
16	Nishu			White wagtail	Motacilla alba
				White Throated Kingfisher	Halcyon
17	Suman	B.Sc. 1st A1	203042350039	House Sparrow	Passer
18	Yogesh	B.Sc. 2 nd A1	3148010022	Dove	Z.macroura
19	Nidhi	B.Sc. 2nd A1	3148020012	Red Bulbul	Pyncnoptus cafer
20	Raunak Soni	B.Sc. 2nd A1	3148020015	Rock pigeon	Columba livia

	Name of Student	Class	Roll No.	Bird's Common name	Scientific Name
21	Renu	B.Sc. 2nd A1	3148020022	Crow	Corvus splendens
22	Monika	B.Sc. 2nd A2	3148020115	Drongo	Dicrucrus
23	Monika	B.Sc. 2nd A2	3148020115	Cattle egret	Ardea
24	Aryan	B.Sc. 2nd A1	3148010017	Green bee eater	Merops orientalis
25	Manisha Pal	B.Sc. 2nd Biotech	3244220007	Rock pigeon	Columba livia
26	Manju	B.Sc. 2nd A1	3148020016	Crow and Common Myna	Corvus & Acridotherus
27	Ankita	B.Sc. 2nd A1	3148020011	House Sparrow	Passer
28	Anjali	B.Sc. 2nd A1	3148020041	Rock pigeon	Columba livia
29	Anjila	B.Sc. 2nd A2	3148020123	Red wattled lapwing	Vanellus indicus
				Mynah	Gracupica
				Owl	Strix aluco
30	Nikhil	B.Sc. 2nd A1	3148010004	Rock pigeon	Columba livia
31	Aanchal	B.Sc. 2nd A1	3148020034	Domestic Geese	Anser
				Dove	Streptopelia
32	Ranjan	B.Sc. 2nd A1	3148010018	Pigeon	Columba livia
33	Manjeet	B.Sc. 2nd A1	31448010019	Grey Geese & Weiro bird	Anser & Nymphicus
34	Pooja	B.Sc. 3rd Biotech	2362920018	Collared Dove	Streptopelia
				Woodpecker	Picinae
				Spotted dove	Spilopelia
35	Karishma	B.Sc.3rd Biotech	2362920009	Red wattled lapwing &	Vanellus indicus
				Babbler	Turdoides
36	Anju	B.Sc. 3rd Biotech	2362920039	Domestic pigeon	Columba livia
				Peacock	Pavo
37	Jyoti	B.Sc. 3rd A2	2266720101	Egret	Bubulcus
				Pigeon	Columba livia
38	Pragati	B.Sc. 3rd A1	2266720011	Kingfisher	Alcedo
39	Zinat	B.Sc. 3rd A2	183042350057	Peacock	Pavo

Decoration

Awesome Rangoli made by the students amazed all the faculty of the college.





Decoration made by students was also awesome and was praised by all the faculty members of the college

Panel of judges

Following were the judges, who were appointed by the college to critically analyses the entries

Name of Judges	Department of Judges
Dr. Renu Rathi	Psychology
Dr. Suruchi Sharma	History



Inaugural Function

The function started with the inauguration of the competition by chief guest Dr. Vikramjit Singh, Principal, Dayanand College, Hisar. Dr. Anoop Parmar DSW and Dean of college also accompanied the chief guest during the function.



The function started with the welcome speech of President of Association Ms. Zinat



Analysis of Entries by the Judges

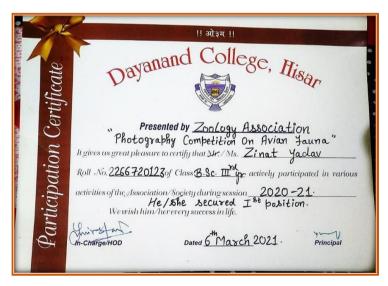
Judges critically analyzed all the photographs and announced 1st, 2nd and 3rd prizes and two consolation prizes.



Announcement and Distribution of Prizes

Following Result were announced by the Judges

Certificates and cash prizes were distributed by the Chief Guest to the Winners.



1st Prize





Announcement by Chief Guest

The Chief Guest was impressed with the exhibition so much that he announced that Association should organize this exhibition at state level next time. This was a great achievement for the Association.

Press Release (in Documentary Film)



Press Release (Newspaper cutting)

फोटोग्राफी प्रतियोगिता में जीनत विनर

भास्कर न्यूज हिसार

दयानन्द महाविद्यालय के जन्तु विज्ञान विभाग द्वारा फोटोग्राफी प्रतियोगिता का आयोजन किया गया। प्रतियोगिता में बीएससी मेडिकल और बायोटेक के विद्यार्थियों ने बढ़-चढ़ कर हिस्सा लिया। यह प्रतियोगिता मुख्यतः हिसार के आस-पास के पक्षियों के क्रियाकलापों पर आधारित रही। इस प्रदर्शनी का उद्देश्य विद्यार्थियों को पक्षियों के संरक्षण के प्रति संवेदनशील बनाना है। प्रतियोगिता का संचालन जन्तु विज्ञान स्सोसिशन की प्रधान जीनत यादव ने किया। प्रतियोगिता में विभागाध्यक्ष डॉ. विवेक श्रीवास्तव ने मुख्य भूमिका निभाते हुए प्राणी विभाग के लोगो के बारे में विस्तारपूर्वक वताया। प्रतियोगिता में निर्णायक मण्डल की भूमिका डॉ. रेनु राठी व डॉ. सुरूचि शर्मा ने निभाई। प्रतियोगिता में प्रथम स्थान पर जीनत यादव, द्वितीय स्थान पर आकाश, तृतीय मंजीत रहे। मोनिका व राहुल को सांत्वना पुरस्कार दिया गया। महाविद्यालय के प्राचार्य डॉ. विक्रमजीत सिंह ने संबोधित किया। इस अवसर पर डॉ. अनूप परमार, मीनाक्षी जिन्दल, सचिन, अंजू, डॉ. उर्मिला, हिमानी व बड़ी संख्या में विद्यार्थी उपस्थित रहे।



ACTIVITY 3

Department of Zoology

Visit to Dairy and Poultry farm LUVAS, Hisar

Course code	Zoo 503P (Proof attached)
Name of Course	Laboratory Practicals of Applied Zoology I and II
Date of Permission	23 rd Feb 2021 (Proof attached)
Date of Visit	8 th -9 th March 2021
Visiting site	Dairy and Poultry farm LUVAS, Hisar
Accompanied teaching staff	Dr. Meenakshi Jindal Mr. Sachin
Accompanied Lab. staff	Mr. Subhash
Class	B.Sc. IIIrd yr Medical (A1 & A2) B.Sc. IIIrd yr Biotechnology
Total Students (in both classes)	147
No. of Students visited	112

Permission Letter

DAYANAND POSTGRADUATE COLLEGE, HISAR - 125 001 दयानन्द रनातकोत्तर महाविद्यालय, हिसार-125 001

Off.: 01662-270989, 233136, Res.: 01662-239399 e-mail : principal.dnchsr@gmail.com

Pereo 194 24/2 2-90 ated 23/2/2021 A PA The Dean, College of Veterinary Science, Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS), Hisar.

Sub.: Visit to Poultry and Dairy Farms at LUVAS, Hisar.

Dear Sir,

Mea Cer 18 401

Ref. No. DNH/231247

We want to inform you that about 175 students (in two batches) of B.Sc. Final year (Medical & Biotech.) of this college want to visit Poultry and Dairy Farm in the first week of March, 2021. This visit will help the students for practical knowledge of Poultry and Dairy Farm. Three staff members namely Dr. Meenakshi Jindal, Mr. Sachin and Sh. Subhash (Lab. Attendant) shall accompany the students during this visit. Please allow them to visit the farms and oblige.

Thanking you,

Yours faithfully,

Principal

TY)

Allowed-

R.I.O

Semester - V

Discipline Specific Elective Course -III (Zoology) ZOO 503 P Laboratory Practicals of Applied Zoology I & II

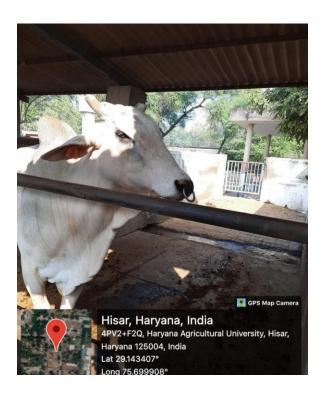
Credits (0-2) Maximum Marks:50 Internal Marks: 0 External Marks:50

- Study of Plasmodium vivax, Entamoeba histolytica, Trypanosoma gambiense, Ancylostoma duodenale and Wuchereria bancrofti and their life stages through permanent slides/photomicrographs or specimens.
- 2. Study of arthropod vectors associated with human diseases: *Pediculus, Culex, Anopheles, Aedes* and *Xenopsylla.*
- Study of insect damage to different plant parts/stored grains through damaged products/photographs.
- Identifying feature and economic importance of Helicoverpa (Heliothis) armigera, Papilio demoleus, Pyrilla perpusilla, Callosobruchus chinensis, Sitophilus oryzae and Tribolium castaneum
- 5. Visit to poultry farm or animal breeding centre. Submission of visit report
- 6. Maintenance of freshwater aquarium

Any. 54000 6119

Nomenclature of Course Zoo 503P

Visit to Dairy Farm at LUVAS, Hisar (08/03/2021)







Visit to Poultry Farm at LUVAS, Hisar (09/03/2021)

