

DEPARTMENT OF ZOOLOGY

A Brief Activity Report on "One day educational excursion at Department of Agriculture, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia"

Date of Visit: 23.02.2024 (Friday) – from 11.00 AM to 04:00 PM

Place of Visit: Department of Agriculture, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia

Organizer: Department of Zoology, City College, Kolkata

Under the Guidance of: Dr Pramita Garai, Assistant Professor in Zoology, City College, Kolkata
Dr Pubali Mitra, Assistant Professor in Zoology, City College, Kolkata
Dr Indranil Roy, SACT-1 in Zoology, City College, Kolkata



Applied Entomology Lab: SEC-1-P

Full Marks 25

1 Credit

20 Hours

List of Practical

1. Dissection and temporary mounting of: - Antennae and mouth parts of Cockroach, House fly and Mosquito
2. Methods of collection, preservation, and identification of economically important insects.
3. Identification of following insect pests (Order, family and specimen characters only): *Scirpophagaincertulus*; *Sitophilusoryzae*; *Callosobruchuschinensis*; *Leucinodesorbonalis*; *Anomissabulifera*; *Pyrrilla perpusilla*.
4. Morphological studies of various castes of *Apis* sp.
5. Identification of life stages of *Bombyx mori*; Identification of Bivoltine and multivoltine mulberry cocoon.
6. Identification and medical significance of following insects (adults) through permanent slides/photographs: *Aedes* sp., *Culex* sp., *Anopheles* sp. [for mosquito, larvae and both sexes of adults], *Musca* sp., *Phlebotomus* sp., *Cimex* sp., *Pediculus humanus capitis*., *Xenopsylla* sp.
7. Visits to **any one place of applied entomological significance** (submission of a field report):
 - a. Agricultural field/ forest for on spot study of pests and damage caused.
 - b. Any Sericulture farm for studying grainage and rearing activities
 - c. Visit to an apiary to study various activities of Apiculture
 - d. Any rural or urban health centre to study various aspects of vector surveillance

Plea to arrange a oneday educational trip to the Department of Agriculture_BCKV

Debasish Karmakar <debasishk@citycollegekolkata.org>

Fri, Feb 16, 2024 at 12:33 PM

To: "deanofag.bckv@gmail.com" <deanofag.bckv@gmail.com>, "deanagbckv@gmail.com" <deanagbckv@gmail.com>

To,
The Dean of Agriculture,
Bidhan Chandra Krishi Vishwavidyalaya,
Mohanpur, Nadia
West Bengal

Sir,
The undersigned would like to inform you that a visit to Agricultural Farm or Poultry Unit or Dairy Unit or Apiculture Unit or Sericulture Unit is mentioned in the CU Curricula of Zoology, Semester 1, three year Multi-disciplinary Course (MDC), Paper -SEC G (APPLIED ZOOLOGY) PRACTICAL, under NEP (CCF-2022).

In this regard, the undersigned would like to request your good self to arrange for a visit to your esteemed department of your venerated institution for 35 students (approx.) under the guidance of 3/4 faculties of Department of Zoology, City College, 102/1 Raja Rammohan Sarani (formerly Amherst Street), Kolkata - 700009, preferably between 19/02/2024 (Monday) to 21/02/2024 (Wednesday) at your suitability.

The detailed list of students and faculties, endorsed by the Principal of the College, will be emailed to you just after getting the confirmation from your side.

Looking forward to have an affirmation from your side at the earliest possibility and oblige.

Thanks, in anticipation.

Yours truly

Sd/-
Dr Debasish Karmakar
HoD, Zoology
City College, Kolkata

Dr Debasish Karmakar
Assistant Professor
Department of Zoology,
City College
102/1 Raja Rammohan Sarani,
Kolkata -700009

ATTESTED
Silal Chatterjee
PRINCIPAL
CITY COLLEGE KOLKATA-G



Plea to arrange a oneday educational trip to the Department of Agriculture_BCKV

Debasish Karmakar <debasishk@citycollegekolkata.org>
To: "apramanik04@gmail.com" <apramanik04@gmail.com>

Fri, Feb 16, 2024 at 12:35 PM

Dr Debasish Karmakar
Assistant Professor
Department of Zoology,
City College
102/1 Raja Rammohan Sarani,
Kolkata -700009

----- Forwarded message -----

From: **Debasish Karmakar** <debasishk@citycollegekolkata.org>
Date: Fri, Feb 16, 2024, 12:33
Subject: Plea to arrange a oneday educational trip to the Department of Agriculture_BCKV
To: deanofag.bckv@gmail.com <deanofag.bckv@gmail.com>, deanagbckv@gmail.com <deanagbckv@gmail.com>

To,
The Dean of Agriculture,
Bidhan Chandra Krishi Vishwavidyalaya,
Mohanpur, Nadia
West Bengal

Sir,
The undersigned would like to inform you that a visit to Agricultural Farm or Poultry Unit or Dairy Unit or Apiculture Unit or Sericulture Unit is mentioned in the CU Curricula of Zoology, Semester 1, three year Multi-disciplinary Course (MDC), Paper -SEC G (APPLIED ZOOLOGY) PRACTICAL, under NEP (CCF-2022).

In this regard, the undersigned would like to request your good self to arrange for a visit to your esteemed department of your venerated institution for 35 students (approx.) under the guidance of 3/4 faculties of Department of Zoology, City College, 102/1 Raja Rammohan Sarani (formerly Amherst Street), Kolkata - 700009, preferably between 19/02/2024 (Monday) to 21/02/2024 (Wednesday) at your suitability.

The detailed list of students and faculties, endorsed by the Principal of the College, will be emailed to you just after getting the confirmation from your side.

Looking forward to have an affirmation from your side at the earliest possibility and oblige.

Thanks, in anticipation.

Yours truly

Sd/-
Dr Debasish Karmakar
HoD, Zoology
City College, Kolkata

Dr Debasish Karmakar
Assistant Professor
Department of Zoology,
City College
102/1 Raja Rammohan Sarani,
Kolkata -700009

ATTESTED

Sita Chaudhuri
PRINCIPAL
CITY COLLEGE KOLKATA-9





ESTD. 1881

NAAC Accredited College

CITY COLLEGE

Affiliated to the University of Calcutta
102/1, Raja Rammohan Sarani, (Amherst Street)
Kolkata-700 009, Phone : 033 2350 6505, 033 2350 1565
Office : 033 2360 7463, E-mail : principal.citycollege@gmail.com
Website : www.citycollegekolkata.org

Approved
Silal Chatterjee
22/02/2024
Principal
CITY COLLEGE



To
The Principal
City College
102/1 Raja Rammohan Sarani
Kolkata - 700 009

Sub: Plea and intimation to attend an Educational Excursion at Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia

Sir,

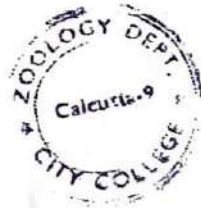
This is for your kind information that, an Educational Excursion at Department of Agriculture, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia, will be conducted on 23/02/2024 (Friday) with the following students of Zoology MDC, SEMESTER I (List Enclosed), as per CU Curricula, Paper - SEC G (Applied Zoology), vide CCF-2022 (NEP), under the supervision of Dr Pramita Garai, Assistant Professor in Zoology, Dr Pubali Mitra, Assistant Professor in Zoology and Dr Indranil Roy, SACT - 1 in Zoology.

This is for your kind perusal and necessary action.

Thanks, in anticipation.

Yours truly

[Signature]
21/02/2024
DR DEBASISH KARMAKAR



Head, Department of Zoology
City College, Kolkata-700009



ESTD. 1881

NAAC Accredited College

CITY COLLEGE

(Unit of Brahma Samaj Education Society)

Affiliated to the University of Calcutta

102/1, Raja Rammohan Sarani, (Amherst Street)

Kolkata-700 009, Phone : 033 2350 8505, 033 2350 1565

Office : 033 2360 7463, E-mail : principal.citycollege@gmail.com

Website : www.citycollegekolkata.org

NOTICE

It is hereby notified that as a part of CU Curriculum of Semester - 1, Zoology (MDC), Paper - SEC G (Applied Zoology), 2023, vide CCF-2022 (NEP), Lecture and Demonstration Session on Apiculture and/or Agriculture as well as Field Visit will be conducted at **Bidhan Chandra Krishi Viswavidyalaya (BCKV)**, Mohanpur, Nadia, on **23/02/2024 (Friday) at 11:00 AM**, under the supervision of Dr Pramita Garai, Dr Pubali Mitra and Dr Indranil Roy, Department of Zoology, City College, Kolkata.

Students are asked to meet at the **Front Gate of Bidhan Chandra Krishi Viswavidyalaya (BCKV)**, sharp at **10:45 AM** with their -

- Respective College Identity Cards,
- Note Book,
- Pen/Pencil/Eraser
- Drinking Water
- Umbrella/Cap,
- Camera (Optional) etc.

Route Direction:

- Catch UP Krishna Nagar Local/Ranaghat Local/Shantipur Local/Gede Local/Kalyani Simanta Local From Sealdah Station and Step down at Kanchrapara Station,
- Getting out from Kanchrapara Station Eastward,
- Take any Auto-Rickshaw or Van or Toto for Front Gate of BCKV (Kapat More)

DEBASISH KARMAKAR

SITAL PRASAD CHATTOPADHYAY

Head, Department of Zoology
City College, Kolkata-700009



Principal
CITY COLLEGE
KOL-9

CITY COLLEGE
DEPARTMENT OF ZOOLOGY

CU SEMESTER – I; MDC PAPER – SEC-G (Applied Zoology)

Local Excursion to Bidhan Chandra Krishi Viswavidyalaya dated 23.02.2024

Attendance Sheet

Sl No	College Roll No	Name of the student	Contact Number	Signature
1	234920	Soumili Seal	9083910800	Soumili Seal
2	234914	Sumi Chakraborty	8016274251	Sumi Chakraborty
3	234909	Ankita Sarkar	8240927753	Ankita Sarkar
4	234908	Anwesa Bag	9360057432	Anwesa Bag
5	234907	Chaity Das	9073784943	Chaity Das
6	234905	Shiwani Shaw	9748332415	A
7	234904	Annweshha Debnath	6291580655	Annweshha Debnath
8	234903	Arti Kumari	9026247318	Arti Kumari
9		Isha Mondal		A
10	234924	Kalpita Roy	9874152841	Kalpita Roy
11	234919	Sumi Naskar	6289188998	Sumi Naskar
12	234918	Bristy Mondal	8777087958	Bristy Mondal
13		Satu Dhaki		A
14		Bristi Saha		A
15	234902	Dipti Pal	9123780484	Dipti Pal
16		Sohini Ghosh		A
17	234750	Sayan Maity	8777697870	A
18		Parvez Islam		A
19		Md Mozahidul Islam		A
20		Chhaddam Ali Shek		A
21		Samim Molla		A
22		Md Azimul Hasan		A
23	234729	Anirban Biswas	9062177633	Anirban Biswas
24	234718	Deb Das	7439888301	Deb Das
25	234717	Arindam Karmakar	9064526649	A
26	234716	Arup Rudra	6289019629	Arup Rudra
27		Koushik Guchait		A
28		Banti Yadav		A
29		Alli Hossain		A
30	234743	Nirmalya Chaudhuri	6296659304	Nirmalya Chaudhuri
31	234741	Suvam Das	8317858580	A
32	234733	Aksad Rahaman	8167432825	Aksad Rahaman
33	234732	Souvik Mandal	8343934391	A
34	234731	Dip Barman	8207048968	Dip Barman
35	234751	Tushar Oraon	7596896669	Tushar Oraon
36		Papan Ghosh		A
37		Ali Hossain		A
38	234752	Saikat Bhattacharya	Roll no 234752 (Num) 9832290262	Saikat Bhattacharya
39	234735	Sagar Mondal	6290930606	A

Teachers

Sl No	Name of the teacher	Signature
1	Dr Indranil Roy	Indranil Roy 23/2/24
2	Dr Pubali Mitra	Pubali Mitra 23.2.24
3	Dr Pramita Garai	Pramita Garai 23.02.24



Principal
CITY COLLEGE
KOL-9

Brief Report

The Department of Zoology, City College, Kolkata, organized a one-day educational excursion at Bidhan Chandra Krishi Viswavidyalaya (BCKV), Mohanpur, Nadia, for the students of Semester I, Zoology MDC. This trip included a lecture and demonstration session on apiculture and agriculture, as well as an agricultural field visit.

At BCKV, students first visited the insect museum and learned about various insect orders and their role in the ecosystem, both beneficial and harmful. In the apiculture unit, they had gained detailed knowledge about beekeeping, bee biology, the environmental and economic importance of bees. This experience highlighted the critical role of bees played in the ecosystem which inspire to take action to support and protect these vital pollinators.

Additionally, agricultural land visits, focusing on pest-infected plants, provided valuable hands-on learning experiences. This visit deepened students' understanding about pest management principles and gave them idea how to address practical challenges in the agricultural production. These field visits contribute to the development of skilled and knowledgeable agricultural professionals who can effectively manage pests and promote sustainable crop production practices.

Such one-day educational excursions offer direct sources of knowledge, which is highly beneficial for students. It allows students to see the direct impact and relevance of their studies in the practical field, making education more meaningful and engaging.

Glimpses from Excursion

