

# 3.2. Innovation Ecosystem

# **3.2.1: Supporting Document**

J-206&208A Paharpur Road, Garden Reach, Kolkata – 700024 🛞 https://harimohanghosecollegekol24.ac.in/

## \* Department of English, Bengali, and Political Science organized a One Day "VISIT TO BANKIM BHAWAN" on 05.02.2020.

Bankim Sangrahashala is the library museum of Rishi Bankim Chandra Chattopadhyay, the great novelist and poet of India. It is located at kanthalpara, Naihati in the North 24 Paraganas. Established in 1954, the museum occupies only a portion of the big ancestral house, located alongside.

The spot is significant because Rishi Bankim Chandra wrote and composed the national song of India, Vande Mataram over here. The heritage museum is a living testimony of the fact that the other great personalities of pre – independent India like Rishi Aurobindo Ghosh, Chittaranjan Das, Dinabandhu Mitra, Keshab Chandra Sen and so on., used to visit the place for spending some quality time in this peaceful ambiance along with the great poet and author.

A visit to the place makes one realise that it is more than just a tourist attraction, it is a window into the soul of Naihati and a testament to its rich heritage.

### **OBJECTIVES:**

- To help students to learn about Indian heritage and culture.
- To provide students with a visual and tangible learning experience.
- To promote an immersive experience that engages all the senses, making learning more fun and exciting.
- To instil a sense of national pride and inspire students to become more involved in their communities.



## Department of Commerce, Harimohan Ghose College arranged a Visit to organic food industry to develop awareness about safe food and to study how the industry works on 04.03.2020.

Started in 2003, Bio Diverse Farming Pvt. Ltd. is on a "Safe Food" mission. The primary farm at the Tona village in the Lauhati-Rajarhat area, which is just 20 km away from Kolkata International Airport. The farm produces organic food at affordable prices to the customers with the help of committed farmers, who are engaged in ethical and earth-friendly farming practices with expert intervention. Tona Organic Farm is one of the top 28 internationally acclaimed innovative organizations. Students were taken here to develop an idea about organic farming industry and also to spread awareness about sustainable agriculture and organic products.





# Special lecture series to motivate students during global pandemic

**1**. College was closed during this period due to Covid 19 Pandemic. Students were traumatized. A Seminar series organized by the Department of Physiology and IQAC, Harimohan Ghose College.

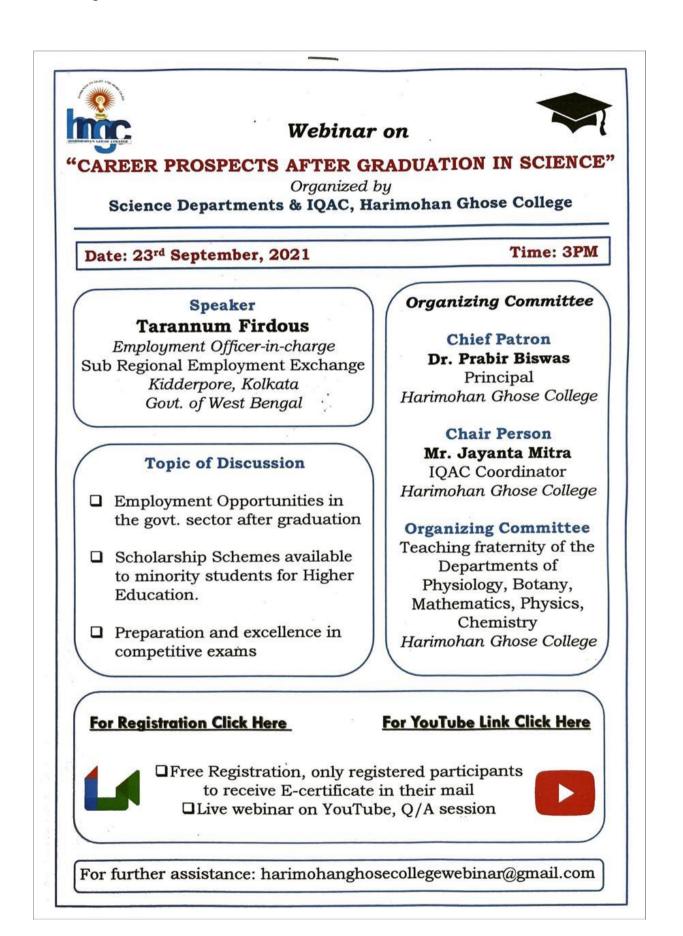




Details of Registration and Participation in Webinar held on 27.02.21 (Impact of COVID-19 on Academics: From Molecules to Minds

	Details of Registration and Pa	nicipation in webinar neid on 27	.02.21(Impact of COVID-18	on Academics. From molecules to minus		
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	3 sentusarkar@gmail.com				Physiology	9143560087
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	43 subhajitdey168@gmail.com	Subhajit dey	otovom	<ul> <li>Contract of the property of the second se </li> </ul>		

2. Seminar series organized by the Science Departments and IQAC, Harimohan Ghose College.



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52 ksayeeda186@gmail.com Sayeeda khatoon		General	Botany, chemistry, envs	918	6291601633
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2 SINGHRAHUL7709@GM/ Rahul Kumar singh	v	General	Physics Chemistry Math	1.93021E+11 821	6289729310 9304749884
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8 maryamjalal412@gmail.co Maryam Jalal	v	Honours	Physiology honours	801	9748883786
9 aqsazarrin17@gmail.com Aqsa Zarrin	v	Honours	Physiology honours		

CERTIFICATE	OF PARTICIPATION
on	Webinar
<b>"CAREER PROSPECTS AFT</b>	ER GRADUATION IN SCIENCE"
	anized by QAC, Harimohan Ghose College
	of <u>Harimohan Ghose College</u> has actively ar held on September 23,2021.
3 mins	Jujante Mit
Dr Prabir Biswas	Mr Jayanta Mitra
Principal	IQAC Coordinator Harimohan Ghose College

3. Department of Urdu, Harimohan Ghose College tried to motivate them by engaging them in a webinar. The topic of the webinar was "Tagore Aur Urdu Adab". A special lecture was delivered by Prof. Dr. Shahnaz Nabi, Chair Professor, Department of Urdu, University of Calcutta.

Speech of Shabbir Ahmed (Scholar, Director of Employment, Govt. of West Bengal), Md. Abdul Rafik Sardar (Assistant Professor, Barasat Govt. College), and Md. Taiyab Naumani (HOD, Dpt. of Urdu, Bhairab Ganguly College) encouraged students and helped them to overcome the global crisis.

## HARIMOHAN GHOSE COLLEGE

### DEPARTMENT OF URDU

Organized

#### ONE DAY STATE LEVEL WEBINAR

#### In collaboration with

#### IQAC, Harimohan Ghose College

Date :24/10/2021

Time: 6 p.m.

#### TOPIC: TAGORE AUR URDU ADAB:

CONVENOR: Dr. SK. Almas Hossain (HOD, Dept.of Urdu, Harimohan Ghose College)

#### EMINENT SPEAKERS:

- 1) Dr.Prabir Biswas (Principal, Harimohan Ghose College)
- 2) Pro Jaynta Mitra (IQAC, Coordinator, Harimohan Ghose College)
- 3) Prof.Dr. Shahnaz Nabi (Chair Professor, University of Calcutta)
- 4) Shabbir Ahmed (Scholar, Director of Employment Govt. of W.B)
- 5) Zahir Anwar (Renowned Critic and Dramatist)
- 6) Md Abdul Rafik Sardar (Asst. Prof. Bengali, Barasat Govt. College)
- 7) Md. Taiyab Naumani (HOD, Dept. of Urdu, Bhairab Ganguly College)
- 8) Dr. Mahmood Reyaz (Asst. Prof. Urdu, Harimohan Ghose College)

#### OBJECTIVE OF THE WEBINAR:

The objective of the webinar is to enrich the knowledge of the Students of Department of Urdu about the great Bengali Poet Rabindranath Tagore. And try to create a bridge between Urdu and Bengali Literature.

#### OUTCOME OF THE WEBINAR:

The lectures of our eminent resource persons were quite meaning full and informative, so our students Acquired the knowledge about Rabindranath Tagore in the context of Urdu literature.

More than hundred Students attended the Webinar.



4. The Department of Commerce organized a national level webinar, as well as counselling session for students who were going to graduate during pandemic "ENTREPRENEURSHIP DEVELOPMENT: CHALLENGES AND OPPORTUNITIES FOR START-UPS"





DATE: 16-08-2020 (SUNDAY) <u>TIME:</u> 4:00 PM -6:00 PM PLATFORM: Google Meet/YouTube

> Registration Link : https://forms.gle/QjzzXbVLZUkd x85FA

Whatsapp Link : <u>https://chat.whatsapp.com/Dzk</u> <u>Vrm76y11De63ER9CHB2</u> Email:

ccchgc2020@gmail.com

## **ONE DAY NATIONAL-LEVEL WEBINAR**

ON

## "ENTREPRENEURSHIP DEVELOPMENT: CHALLENGES AND OPPORTUNITIES FOR START-UPS"

Organized By DEPARTMENT OF COMMERCE

# **CHARUCHANDRA COLLEGE**

*in collaboration with* HARIMOHAN GHOSE COLLEGE (Affiliated To The University Of Calcutta)

Registration is free but Mandatory

- Last Date of Registration: 5:00PM, 15th August, 2020
- Google Meet/YouTube link will be shared through Email/Whatsapp

•<u>Open to:</u> Faculty members, Students and Research Scholars .

•All registered participants will get e-certificate by filling up the feedback form.



## **CHIEF GUEST**

## **PROF.DR.DHRUBA RANJAN DANDAPAT**

PROFESSOR OF COMMERCE, UNIVERSITY OF CALCUTTA CHAIRPERSON, UNDER GRADUATE BOARD OF STUDIES IN COMMERCE, UNIVERSITY OF CALCUTTA

## **GUEST OF HONOUR**



## **PROF. DR. SIDDHARTHA SANKAR SAHA**

PROFESSOR OF COMMERCE, UNIVERSITY OF CALCUTTA DEAN, FACULTY COUNCIL FOR POST GRADUATE STUDIES IN COMMERCE, SOCIAL WELFARE AND BUSINESS MANAGEMENT, UNIVERSITY OF CALCUTTA

#### **EMINENT SPEAKERS**

## **DR. BAPPADITYA BISWAS** ASSISTANT PROFESSOR IN COMMERCE, UNIVERSITY OF CALCUTTA

## **MR. PRASHANT KHAJURIA**

FOUNDER- ALTONERAA CONSULTING CORPORATION DIRECTOR-VIVA SUPERMARKETS PVT LTD. & EVOLUTIONARY MEDIA PVT LTD. PROMOTER- GORCHA ENGINEERING PVT LTD.

## **PATRONS**

Prof. Dr. Prabír Bíswas Príncípal, Harímohan Ghose College

Prof. Anuradha Ghosh Teacher-ín-Charge, Charuchandra College

<u>Joint Conveners</u> Prof. Santosh Kumar Das Prof. Asit Kumar Shit

<u>Organízíng Secretary</u> Prof. Rajasí Dutta

Organízíng Commíttee Members Prof. Samír Bera Prof. Sumítra Gangopadhyay Ghosh Prof. Rudra Narayan Kurí Prof. Pallab Pyne Prof. Dr. Ratan Lal Bhowmík Prof. Anamíka Saha Prof. Bíshnu Pada Dey Prof Jayasree Das Prof. Bhaktí pada Malí

<u>For any enquíry , please contact:</u> 8013791543/ 9836996880/ 9143222034

## PROGRAMMIE SCHIEDULE

3:45 – 4:00 PM: ENTRY THROUGH GOOGLE MEET/YOUTUBE LINK
<u>INAUGURAL SESSION (4:00 - 4:45 PM)</u>
4:00 - 4:05 PM: INTRODUCTION BY JOINT CONVENER – PROF SANTOSH KUMAR DAS
INAUGURATION BY
4:05 - 4:10 PM: DR. PRABIR BISWAS (PRINCIPAL, HARIMOHAN GHOSE COLLEGE)
WELCOME ADDRESS BY :
4:10 - 4:15 PM: PROF ANURADHA GHOSH (TEACHER-IN-CHARGE, CHARUCHANDRA
COLLEGE)
4:15 - 4:30 PM: INAUGURAL SPEECH BY
PROF. DHRUBA RANJAN DANDAPAT (PROFESSOR, DEPARTMENT OF
COMMERCE UNIVERSITY OF CALCUTTA)
4:30 - 4:45 PM: MOTIVATIONAL SPEECH BY
PROF. SIDDHARTHA SANKAR SAHA (PROFESSOR & DEAN (FACULTY
COUNCIL FOR POST GRADUATE STUDIES IN COMMERCE, SOCIAL
WELFARE AND BUSINESS MANAGEMENT, UNIVERSITY OF CALCUTTA ).
TECHNICAL SESSION (4:45 -6:00 PM)
4:45 - 4:50 PM: INTRODUCING THE SPEAKERS BY THE JOINT CONVENER - PROF . ASIT
KUMAR SHIT
4:50 - 5:20 PM: TOPIC: <u>INDIAN START-UPS_:CHALLENGES AND THE ROAD AHEAD</u>
SPEAKER: DR. BAPPADITYA BISWAS, ASSISTANT PROFESSOR, DEPT OF
COMMERCE, UNIVERSITY OF CALCUTTA
5:20 - 5:50 PM: TOPIC: CONCEPT OF ENTREPRENEURSHIP : KNOW HOW TO BE A
SUCCESSFUL ENTREPRENEUR
SPEAKER: MR. PRASHANT KHAJURIA, FOUNDER- ALTONERAA
CONSULTING CORPORATION. DIRECTOR- VIVA SUPERMARKETS PVT LTD,
<b>EVOLUTIONARY MEDIA PVT LTD, PROMOTER – GORCHA ENGINEERING</b>
PVT LTD.
5:50 – 5:55 PM: INTERACTIVE SESSION
5:55 – 6:00 PM: VOTE OF THANKS BY ORGANIZING SECRETARY- PROF. RAJASI DUTTA





## Harimohan Ghose College

## Department of Mathematics

## Report on Educational Excursion

Venue: Zero Gallery, Ramakrishna Mission Residential College (Autonomous), Narendrapur, Kolkata-700103

**Date:** June 06, 2022

**Objective:** From our school days, we are familiar with the term "zero". Zero, a seemingly simple number representing an empty quantity, has played an indispensable role in the realm of Mathematics and Science. But most of us are not fully aware of the history behind the genesis of this universally adopted notion. The "Zero Gallery" at Ramakrishna Mission Residential College, Narendrapur, Kolkata depicts the origin of zero throughout the history of several civilizations. This gallery is the result of continuous efforts of Prof. Parthasarathi Mukhopadhyay, a renowned researcher on ancient history of Mathematics, and his team. The main objective of the visit was to give the students a glimpse of the history related to this concept.

Learning Outcome: The educational tour was a wonderful learning experience for all the students as well as for all the faculty members. Before the tour inside the gallery a documentary film by Prof. Mukhopadhyay was shown, which delves into the intriguing history of the invention of zero. During the visit inside the gallery, Prof. Mukhopadhyay helps everyone to look into the pages of history behind the origin of zero. As a result, the students came to know about several civilizations and their numeral systems, for example, Egyptian Numeral System, Babylonian Numeral System, Inca Numeral System, Greek Numeral System etc. and how the history of enumeration system evolves from ancient civilization to our present day. This gives them a complete story of not only the origin zero but also the origin of the world wide used numeral system, the Hindu-Arabic Numeral System or the Indo-Arabic Numeral System.









## \* Department of Commerce Harimohan Ghose College arranged a programme at Mahajati Sadan to develop awareness regarding the avenues open for Commerce students on

07.11.2022.

To assist students in seeking out opportunities to gain experience within their chosen career field students were taken to Mahajati Sadan. The students developed a complete understanding of possible career fields and opportunities, factors that can influence a job's outlook.

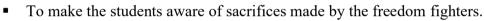


# **\*** Department of Political Science, Harimohan Ghose College arranged a Visit to The Alipore Museum on 14.12.2022.

The Presidency Correctional Home formerly known as the "Old Alipore Jail", holds historical significance as Bengal's first central prison. During British rule, it served as a place of confinement for political prisoners who played great roles in India's struggle for freedom. Since 23rd September2022, the New Alipore Jail has been converted into Alipore Jail Museum, preserving and show casing this rich history for generations to come. The Department of Political Science took the initiative for students to visit Alipore Museum to gain knowledge about Political system and Culture in British Colonial Period and the sacrifices made by the freedom fighters for India's Independence during British rule.

#### **Objectives:**

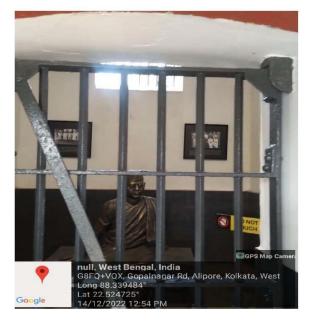
- To enlighten the students about the displayed items in the museum like coins. Gandhi Charka, etc. during British Colonial rule.
- To aware the students about curiosity, thinking skill, cruelty and torture meted to the freedom fighters by the British.











Department of Bengali Harimohan Ghose College arranged a tour at Jorasanko Campus, the house of Rabindranath Tagore. Secretary West Bengal State Academy took a class.



## Department of Commerce, Harimohan Ghose College arranged a "Visit to organic food industry to develop awareness about safe food and to study how the industry works" at Tona Organic Firm on 08.05.2023.

Started in 2003, Bio Diverse Farming Pvt. Ltd. is on a "Safe Food" mission. The primary farm at the Tona village in the Lauhati-Rajarhat area, which is just 20 km away from Kolkata International Airport. The farm produces organic food at affordable prices to the customers with the help of committed farmers, who are engaged in ethical and earth-friendly farming practices with expert intervention. Tona Organic Farm is one of the top 28 internationally acclaimed innovative organizations. Students were taken here to develop an idea about organic farming industry and also to spread awareness about sustainable agriculture and organic products.



Department of Physiology, Harimohan Ghose College conducted two days experimental programme (15.06.23-16.06.23) for students of Raja Peary Mohan College related to 'Kymographic recording of graded doses of acetylcholine and adrenaline on intestinal movements of rat'.



\* An excursion was arranged by the Department of Bengali Harimohan Ghose College on 14.12.2023, at the house of Sarat Chandra Chattopadhyay at Deulti, where he wrote most of his novels.



After returning from Deulti, students were so motivated they made a replica of Sarat Chandra's house and number of models based on Sarat Chandra's novels.





# **\*** Department of Political Science organized a One Day "Visit to Rabindra Tirtha" on 08.12.2023.

The place is the biggest memorial in Kolkata dedicated to the world poet. The project has been developed by the HIDCO and houses an exhibition of Tagore's paintings, archives, a research center and an auditorium. It was inaugurated in 2012. It also includes a mini cinema room, music room, Library, cafeteria and art galleries. The Department of Political Science took the initiative for students to visit Rabindra Tirtha to acquire knowledge of Political freedom and Nationalist ideas of Rabindranath Tagore.

### **Objectives:**

- To nurture students' curiosity, thinking skill about nationalist ideas of Rabindranath Tagore.
- To enlighten the students about the displayed items in the museum like paintings etc. by the world poet.
- To make the students aware about the political ideas of Rabindranath Tagore, his ideas on education and nature.





# REPORT OF LOCAL EXCURSIONS CONDUCTED BY THE DEPARTMENT OF BOTANY

## (SESSIONS- 2019-24)

A field excursion is an educational tour made for the purpose of first hand observation. Field education is an integral part of Botany as plants are best studied in their natural habitats. Students get an opportunity to observe the extensive collection of indigenous as well as exotic plants, study their morphological features and adaptations.

As a part of B.Sc Curriculum (Botany General, CBCS, University of Calcutta), field trips were organized by the Department of Botany, Harimohan Ghose College, so that the students could study plant diversity as well as plants of therapeutic importance. The following one day local excursions were conducted by the Department of Botany in the sessions 2019-2024.

Link to detailed report:

 $\underline{https://harimohanghosecollegekol24.ac.in/wp-content/uploads/2024/07/Botany-field-report.pdf}$ 

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Website: harimohanghosecollegekol24.ac.in e-mail : phmgcollege@gmai.com

Ref. No.....

Date .....

### **REPORT OF LOCAL EXCURSION CONDUCTED BY THE DEPARTMENT OF**

#### BOTANY

**SESSION- 2023-24** 

- 1. Place: Nature Park, Taratala (Mudialy Fishermen's Co-operative Society)
- 2. Date: 28.11.23
- **3.** Time : 11am-2pm
- 4. Batch: B.Sc, Semester I
- 5. Paper: BOT-MD-CC1-P
- 6. Accompanying teachers: Dr. Anrini Majumder, Ms. Atreyee Banerjee
- 7. Laboratory Attendant: Ms. Dolly Pal
- 8. **Objective:** to give the students a comprehensive idea about different plant groups in nature and study the various types of inflorescences, flowers and fruits
- 9. **Outcome:** The students were introduced to plant diversity in nature and learnt the scientific names, families etc. of different plant species. They also learnt about various types of inflorescences, flowers and fruits from indigenous and exotic plants.

Principal Harimohan Ghose College J206 & 208A, Paharpur Road Kolkata-700 024

Jo Dre Principal, Hannotan Ghose Glage. Kolkale - 700024.

Sub Permission for field study (Botany Gunal Semester I Students) on 28.11.23.

Respectit sin, This is for your hind information that as for the syllatus of 3 year B. Se Programm in Botany MDC comese under the Curriculum and Endit Francork, 2022 splein of the University of Calculter, it is mandedary for the students to go for a field study. In This respect, kindly grant on permission to take the students (15 in number) to Tanatate Nature Park on 28.11.23. I shall be accompanied by my colleague He. Atreyce Daneyce and one fallowating allendard, Mr. Docey Pal. Kindly allow me to draw an ansunt of Re. 1500/ Chopers one Knowsand and five hundred only) from the college to met the expenses of the exemption.

Johanning yon, Yoms faithfully, Amin' Heymolu Department Bathay Harimohan Chach College Kolkals-24

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Ref. No.....

Date ..... 27.11.2023

## To whom it may concern

An Educational Excursion will be conducted by the Department of Botany, Harimohan Ghose College, on 28.11.2023 to the 'Nature Park, Taratala (Mudialy Fishermen's Cooperative Society), Kolkata, West Bengal. A total number of 6 students along with 2 teachers and 1 Laboratory attendant will participate in this Excursion. You are requested to kindly grant them permission to visit the Garden.

SL NO.	NAME	STATUS/ DESIGNATION
1.	ARSHI ASLAM	PHYA SEM I STUDENT
2.	ARJUMAN NAAZ	PHYA SEM I STUDENT
3.	MUHADDISA FATMA	PHYA SEM I STUDENT
4.	SALEHA PARVEEN	PHYA SEM I STUDENT
5.	MD. ARSALAN ASLAM	PHYA SEM I STUDENT
6.	SHAIKA KHANUM	MDC BOT SEM I STUDENT
7.	ASIFA ABEDIN	MDC BOT SEM I STUDENT
8.	BUSHRA PERWEEN	MDC BOT SEM I STUDENT
9.	MD.SHAHID	MDC BOT SEM I STUDENT
10.	MD. AZHARUDDIN	MDC BOT SEM I STUDENT
11.	DR. ANRINI MAJUMDER	ASSISTANT PROFESSOR
12.	MS. ATREYEE BANERJEE	SACT I
13.	MS. DOLLY PAL	LABORATORY ATTENDANT

Principal Iarimohan Ghose College J206 & 208A, Paharpur Road Kolkata-700 024

Excension to Tanatal Nature Park -EPHYA, MOC-BOT, 2023] 28.11.23 Name Arshi Aslam juman Nagy. haddisa Fatma Perween Parveen aika Ichanyn Shaika Khanum Asita Abedie Asita Abedin JI Asalan Aslang Vin No Aoralan Aslan nd shal ist md shahi Md. Azhaguddin Md-Azhanuldin 28/11/23 Department of Botany Harimohan Ghosh College Kolkata-24

# UNIVERSITY OF CALCUTTA

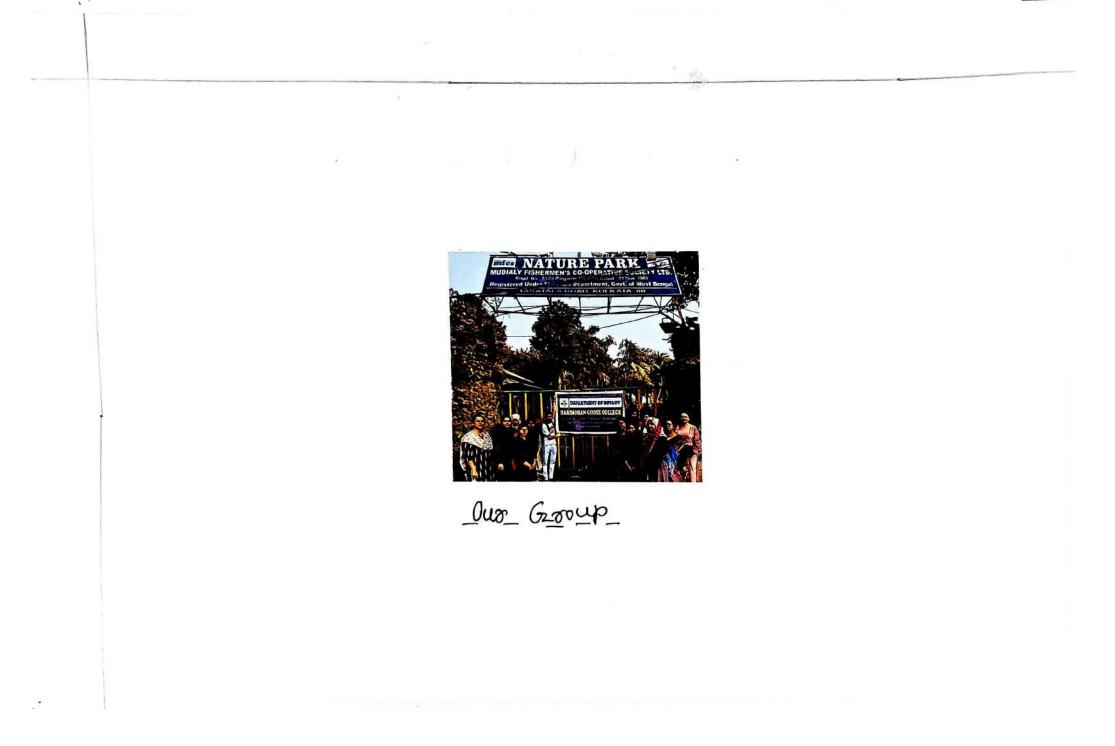
C.U. Regulation No :- 021-1211-0160-23.

C.U. Roll. No :- 233021-11-0006.

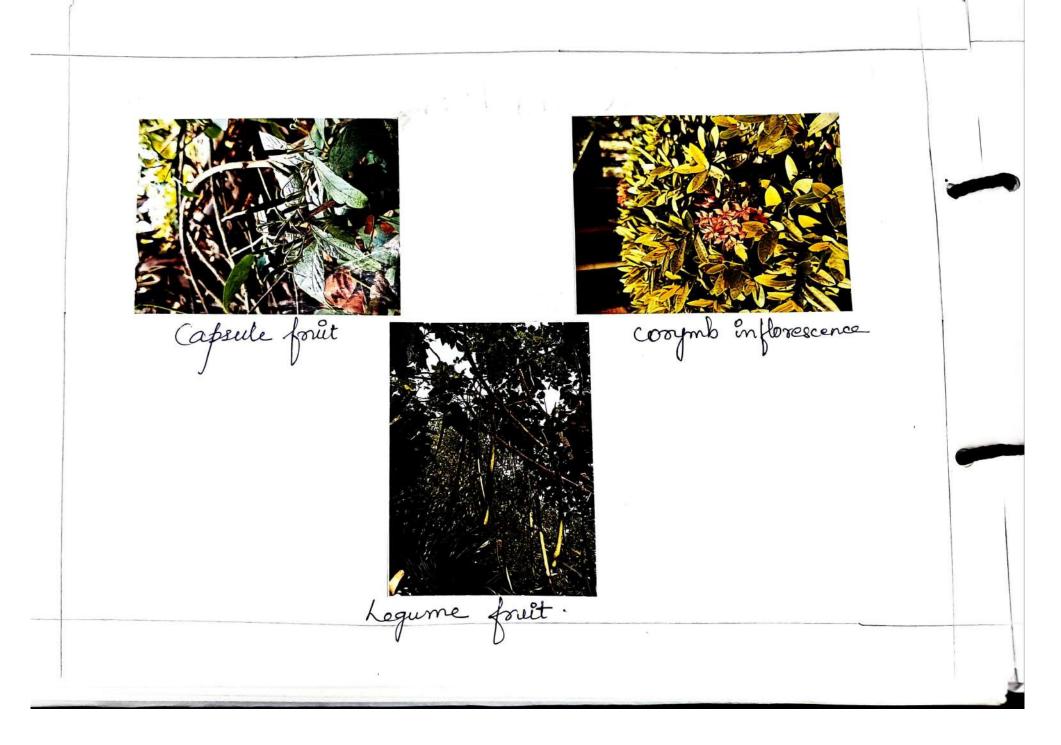
MBOT (MN-1) Field Notebook

Year = 2023

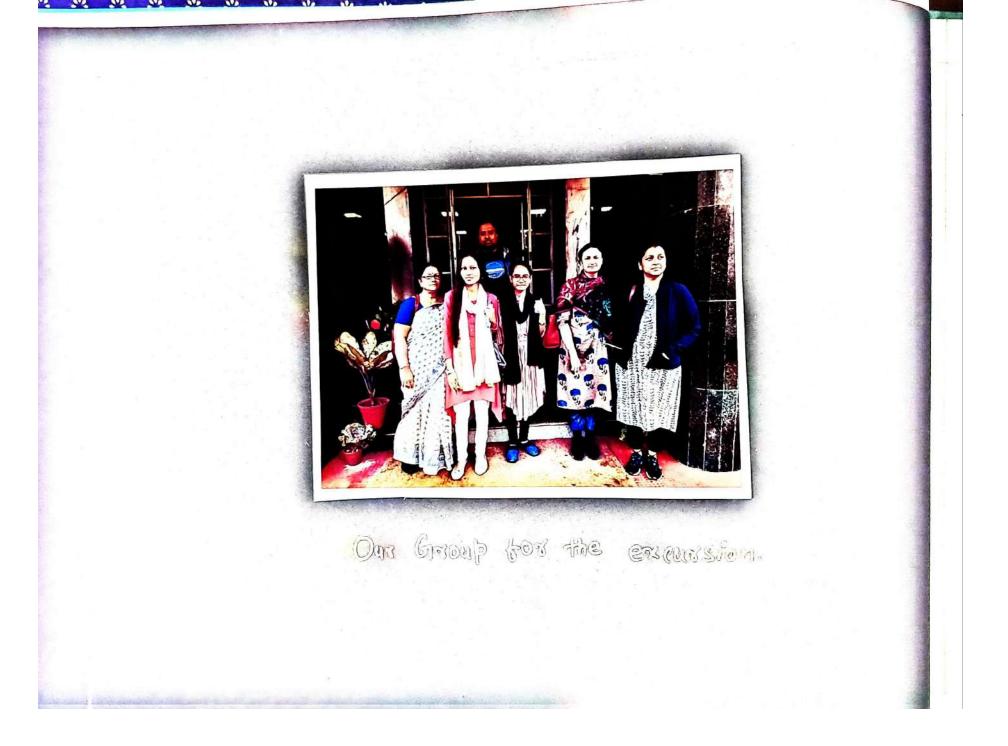
SLINO	Description	Rege NO.
1	What is field excursion	13-1
2	A field notebook	Pg-2
3	Purpose of an excursion	Pg-3
4	Particular of excursion	Pg-4
5	Excursion to The Nature Park	Pg-5
6	List of plants	Pg-6-7



EXCURSION TO NATURE PARK, TARATALA, KOLKATA-700088 On 28th November 2023, We the students of Department of Botany, went to an excursion to the Nature Park, Studied at Taratala, Kolkata-700088. Our respected teachere Dr. Anrine Mayunder and Ms. Atreyee Banfrijee along with our laboratory attendant Mrs. Dolly Palaccompained and guided us throughout the excursion On that day all of us gathered at the college permisses at around 10:30 am. We started from our college at 10:45 am and reached the parts at 11:15 am by local bus The park is under the administration of Government of India. The place has various species of Plants as well as herbs, shrubost. The part has many lakes and water booties also. There we sew, identified and clicked several photos of various plants. Our teacher. teacherschelped us in Identification of different inflorescence, flowers and forestlypes. We also roamed the parkas it is a vastarea having a small 200. After that we were given tiffins there. At 1 pm we left the park and came back to our college at 1:30pm It was a short excursion but we gathered very important and basic knowledge about plante.











Survey by Students of Harimohan Ghosh College , J - 206 & 208A, Paharpur Road, Garden Reach Kolkata - 24

Venue : Conference Hall of District Industries Centre, Darjeeling

## Dated : 7th May 2024

SI. No.	Name of the Artisans	Contact Number	Signature
X	Shanti Devi Tamang	9800139866	monne
2	Sarita Sherpa	9775862371	Bacita Sheepa
3	Ratna Chhetri	8670248817	
A	Binita Ghosh	8972803677	Binita Ghosh
~5	Pusuni Barman	9679282126	1 4 -
6	Prem Lamu Tamang	8906506079	
1	Maity Chettri	7477735665	
~8	Purnima Mukhia	9641044609	Presnama My
~9	Sunita Gurung	9775813669	Sunita gum
10	Durga Thami	9083030420	~ Durga Tham
11	Kamala Sunuwar	8617813566	Kernalde Sumer
12	Pavitra Dewan	8617637816	Maritra Ve
13	Mingma Lamu Sherpa	6295274629	Mingma & She
14	Babita Subba	9547128857	- Babita Su
,18	Champa Shankar	7908786980	thampto should
16	Arpana Tamang	6295156202	"ADapana Jamana
17	Ranju Tamang	7797195451	8
18	Sharda Chettri Sharma		Sharma
19	Rekha Rai		0
20	Rita Subba		ZINI ZJOONT
2/1	Lila Rai		. किल राइ
2/2	Pushpa Sharma		V glasna.
23	Anjana Sarki Rai		-
24	Bandana Thami	7029306820	
25	Indru Thami		
26	Sunita Rai		
27	Sushma Lama	7501845967	- Aler
28	Renu Lama	9635515345	R. Laure
29	Kabita Chettri	V.	Kopisa chitri
20	Kalawati Mukhia Tamang	9.5630063	Lanawat lang
31	Manisha Rai		Manistartar
32	Geeta Rai		vygela Ral
.38	Rinkey Sharma		of presses
34	Pavitra Thami		Cooline the
<i>7</i> 5	Santoki Thami	9002378984	-Sontoki Shami
36	Basanti Thami	9734473998	
37	Bharati Biswakarma	7602495214	<u> </u>
38.	ANITA GOUTAM	7478596899	Acita Cotan

(p) sw/p) (P) (manager (E) manager (E) p)C, GTA, Datieeling

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Ref. No.....

Date .....

**Excursion Details** 

## **Department of Physiology**

## Year- 2023

- **1. Topic of Survey:** Field survey on evaluation of some cardio-respiratory and anthropometric parameters of female tea plucking workers of tea garden at Dooars, North Bengal.
- 2. Place/Venue: Batabari tea-garden, Dooars, West Bengal
- 3. Date & Time: 04.05.23, 11am-5pm
- 4. Number of students participated: 16 students (PHYA 6<sup>th</sup> Semester 2023-24 batch)
- Supervised by: Dr Alok Chattopadhyay, Mr. Samrat Saha, and Smt Shibani Bhowmick (Lab Assistant).
- 6. Summary:

A field survey was undertaken in the Batabari tea gardens of Dooars, North Bengal with tea plucking workers as experimental subjects. A range of cardio-respiratory parameters were measured in order to assess their health status. The tea plantation workers were taken for survey due to their hazardous working conditions compared to other occupations.

# Link to detailed report:

https://harimohanghosecollegekol24.ac.in/wp-content/uploads/2024/07/Physiology-field-report.pdf

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## 7. Photographs:





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Ref. No.....

Date 02-05-2023

## To whom it may concern

This is to certify that an Educational Excursion (Field study tour) of the students of the Dept. of Physiology (VIth Semester Honours) of this college is being conducted at a tea garden at Chalsha, Dooars, North Bengal to assess the workers' health as per the Calcutta University syllabus for PHYA, 6th Sem., DSEA4P. The students (eighteen in number) are guided and accompanied by Dr. Alok Chattopadhyay, Associate Professor in Physiology and Mr. Samrat Saha, Assistant Professor in Physiology and Laboratory attendant of the Department Smt. Shibani Bhowmick. The excursion commences from 03/05/23 to 06/05/23 and is hosted by travel agent Mr. Sudipta Banerjee of Royal Holiday.

Harimohan Ghose College J206 & 208A, Paharpur Road Kolkata-700 024 То

The Principal

J 206 & 208A, Paharpur Road,

Kolkata- 700024

Respected Sir,

I further declare that for any mishap/untoward incident the concerned guide for the excursion and the college would not be held responsible by any means.

Thanking You,

Yours Sincerely,

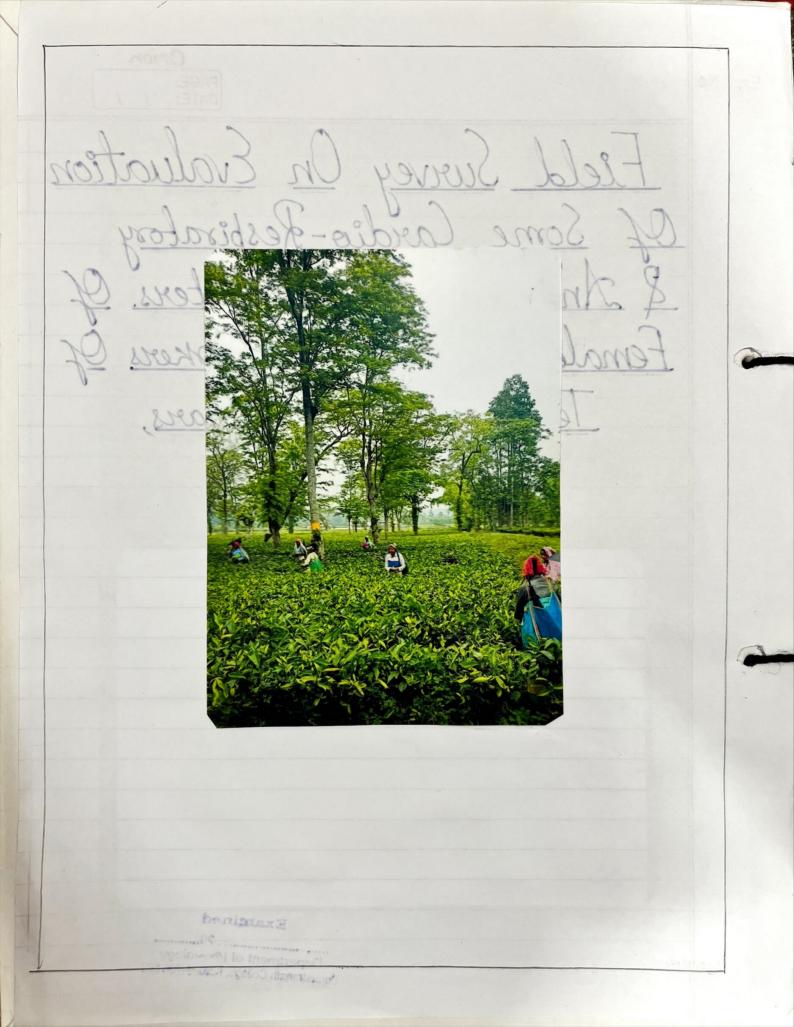
an Signature of the Student

Pradit Manna Manthi Manna

Father/ Guardian of the Student

**Consent form** 

Orion PAGE: DATE: Expt. No. 1 ion 9 în. Ki ned Exam 20. Department of Phraology Creating College, Notkers-700 009 ------



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Ref. No.....

Date 26

## **Project Completion Certificate**

This is to certify that **Ms Rashk Mahmood, Roll No: 203021-11-0007**, has successfully completed project report for academic session 2022-23.

- Name of the project: Field survey on evaluation of some cardiorespiratory and anthropometric parameters of female tea plucking workers of tea garden at Dooars, North Bengal.
- Date and duration: 04.05.23, 11am-5pm

Harimohan Ghose College Harimohan Ghose College Harimohan Kakag Yoo 024

Kolkata-700024