

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.

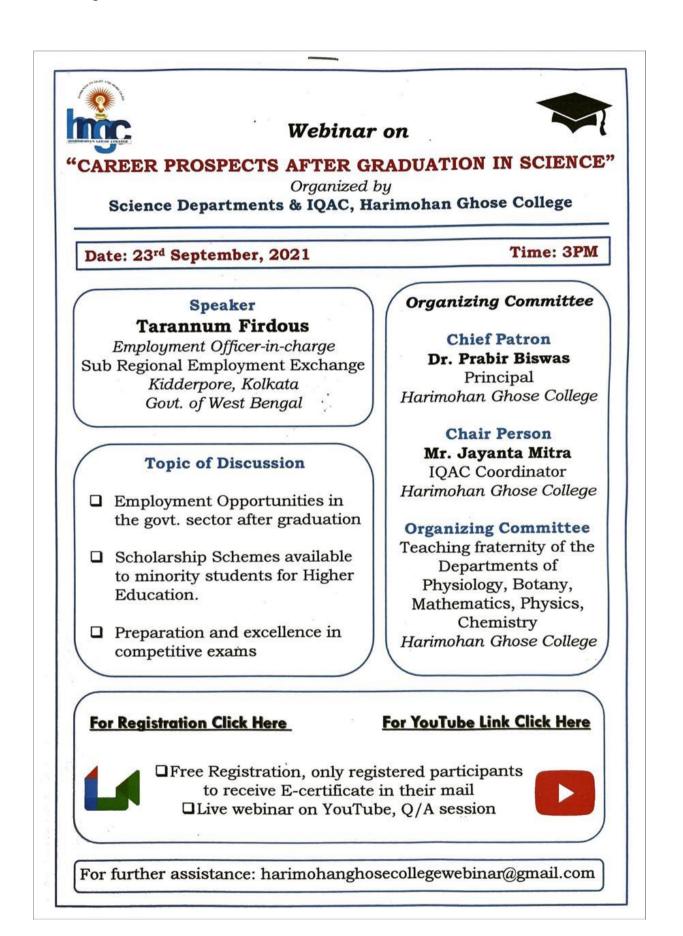




Details of Registration and Participation in Webinar held on 27.02.21 (Impact of COVID-19 on Academics: From Molecules to Minds

	Details of Registration and Pa	nicipation in webinar neid on 27	.02.21(Impact of COVID-18	on Academics. From molecules to minus		
01.11-	Email address	Name of the Participant	Designation	College/University	Subject	Mobile Number
SI.No.			State Aided College Teach	Harimohan Ghose College	Physiology	9836944762
	2 aryasaha30@gmail.com				Physiology	9804943948
	3 sentusarkar@gmail.com				Physiology	9143560087
	4 swati.sinha.saltlake@gmail.com			Tamralipta Mahavidyalaya, Tamluk , Purba Me	Physiology	+919874238233
		Dr. Wasim Ahmad			Ilmul Advia	9371566384
	5 drwasim@gmail.com	Dr. Washir / united			Amraze Niswan wa Atfal	8149536134
	6 Fahmeedazeenat@gmail.com	Dr. i unincodu Loonar	State Aided College Teach	-	Physiology	9836944762
	7 arnab.world10@gmail.com	Wit. Williab Balleljee		Harimohan Ghose College	English	7980429028
	8 goutam.naskar09@gmail.com	Goulann Huokui	rioonotanti risississi	Raja Peary Mohan College	Physiology	9433910161
	9 anindita11us@rediffmsil.com	Dia aminina menerati y		AllMS Jodhpur	Physiology	9963040449
	10 nprasunpriya@gmail.com	Dr. Prasunpriya Nayak			Mathematics	8296718534
	11 sbhdpa@gmail.com	Subhadipa Das		Harimohan Ghose College		9804190289
	12 sushobhanbiswas03@gmail.con	Sushobhan	PhD Student	University of Calcutta	Biology	+448218372638
	13 drrehmanshagufta@gmail.com	SHAGUFTA REHMAN	Research officer (unani)	Regional Research Institute of unani medicin		7596940725
	14 debasmitadas4@gmail.com	Debasmita Das	Research Scholar	Serampore College	Physiology	
	15 dr.hudanafees@gmail.com	Dr Huda Nafees	Assistant professor	Aligarh Muslim University	Pharmacy	8445058435
	16 apama.shil11@gmail.com	APARNA SHIL	State Aided College Teach	Harimohan Ghose College	Physiology	9433759365
	17 contactanamikasaha@gmail.cor	Anamika Saha	SACT	Harimohan Ghose College	Commerce	9433417794
	18 mlabonya@gmail.com	Dr. Labonya Mandal	Assistant Professor	Raja Peary Mohan College	Physiology	+917980194305
	19 teipratapsingh03@gmail.com	Tej Pratap Singh	Assistant Professor	Ganjdundwara college Ganjdundwara Kasga	r Political Science	7974186337
		Dr. Shadab Ahmad Khan	Assistant Professor	Mahamaya Government Degree College, Ma		9936924708
	20 sakhanan15@gmail.com	Nazira khatoon Ashrafi	Kolkata	Hari Mohan Ghose college	History honours	7439548499
	21 naazashrafi203@gmail.com	Saiful islam	Vice-president TMCP	Harimohan ghose college	Economic	8910062535
	22 saiful.enigma@gmail.com 23 pdnbhutia@gmail.com	Peden Bhutia	Assistant Professor	Harimohan Ghose College	Education	8388984388
	24 bishalbck1993@gmail.com	Bishal Das	SACT	DTSKSM	Physiology	8617084549 09903003205
	25 monojsarkar1968@gmail.com	Monoj Sarkar	Clerk	Harimohan Ghose College	B.Com Physiology	07980231352
	26 sanatanmishra16@gmail.com	Dr. Sanatan Mishra	SACTI	Vidyasagar college Harimohan Ghose College, Kolkata	English	84 36934494
	27 banerjee.pratima@gmail.com	PRATIMA BANERJEE	Assistant Professor, Depa Senior Research Fellow	National Institute of Cholera and Enteric Dise		9874484617
	28 dsphys_rs@caluniv.ac.in	Deotima Sarkar	Assistant Professor	Harimohan Ghosh College	Political Science	9831524220
	29 shehnazsalahuddin26@gmail.co	Amar Nath BHADRA SCIENCE	Ex Dy Director of Boilers	/ Jadavpur University	Conference on COVID19	
	30 amarnathhow@yahoo.com 31 santoshdas14@gmail.com	SANTOSH KUMAR DAS	ASSISTANT PROFESSO	HARIMOHAN GHOSE COLLEGE	COMMERCE	8013791543 9046415556
	32 sanjaydas502@gmail.com	Sanjay das	Sact	Belda College	Nutrition English	8017030318
	33 devalinawcc@gmail.com	Dr. Devalina Gopalan		Women's Christian College, Kolkata	Metabolic disease lab	9674237695
	34 sarkarankita1993@gmail.com	Ankita Sarakar	UGC-SRF	CSIR-IICB Panskura Banamali College Autonomous	Physiology	9432971035
	35 mydibyendu@gmail.com	Dibyendu Maity	SACT Assistant Professor	Santipur College	Physics	6296645150
	36 subhayukarimpur@gmail.com	Subhayu Choudhury Musarrat Nadim	Student	Harimohan Ghosh College	Physiology hons(PHYA)	7003458613
	37 musarratnadim1@gmail.com 38 avradeepacharya21@gmail.com		M.Sc physiology 1st seme	e Raja Bazar Science college	Physiology	8336050575 7044988376
	38 avradeepacharyaz r@gmail.com 39 tdas8619@gmail.com	TANMOY DAS	STUDENT	RAJABAZAR SCIENCE COLLEGE	HUMAN PHYSIOLOGY	9083583395
	40 anindyamodak78@gmail.com	Anindya Modak	Student	University Of Calcutta	Physiology Human Physiology	9874215162
	41 manashi.bbgs@gmail.com	Manashi Banerjee	Student	Calcutta University RajaBazar Science College	MSc. Human Physiology	
	42 taniasultana0599@gmail.com	Tania Sultana	Miss Student	Rammohan college	Physiology	8207008206
	43 subhajitdey168@gmail.com	Subhajit dey	otovom	 Contract of the property of the second se 		

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



	2257				
45 sabenoor44@gmail.com Sabe Noor		Honours	Physiology	813	9163720938
46 mdbasshar7866@gmail.cc Md Basshar	111	Honours	Mathematics	806	9073076824
47 kaynattauhid21@gmail.cor Kaynat Tauhid		General	Botany, physiology, and chemistry	915	7603027191
48 goutamigupta2160@gmail Goutami Gupta	Passed Out	Honours	PHYA	804	8910890331
49 ksayeeda186@gmail.com Sayeeda khatoon	III	General	Botany, chemistry, envs	918	6291601633
50 ksayeeda186@gmail.com Sayeeda khatoon		General	Botany, chemistry, envs	918	6291601633
51 shabinaktn@gmail.com Shabina khatoon		Honours	Physiology	816	6290895182
52 ksayeeda186@gmail.com Sayeeda khatoon		General	Botany, chemistry, envs	918	6291601633
53 ksayeeda186@gmail.com Sayeeda khatoon	ш	General	Bio science	918	6291601633
54 humairaliya123@gmail.cor Humaira Aliya	v	General	Physiology	922	8420543855
55 humairaliya123@gmail.cor Humaira Aliya	v	General	Science	922	8420543855
56 ksayeeda186@gmail.com Sayeeda khatoon		General	Bio science	918	6291601633
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61 zainab.tahseen1906@gmz Zainab tahseen.	Passed Out	Honours	PHYA	813	6291114812
62 ksayeeda186@gmail.com Sayeeda khatoon		General	Bio science	918	6291601633
63 ksayeeda186@gmail.com Sayeeda khatoon	III	General	Bio science	918	6291601633
64 ksayeeda186@gmail.com Sayeeda Khatoon	III	General	Bio science	918	6291601633
65 sandhyahansda71@gmail. Sandhya Hansda	v	General	Math, chemistry physics,	903	7595839747
66 chaterjeepicku@gmail.corr Priyasmita Chatterjee	Passed Out	Honours	PHYA	802	6290335051
67 shaqufnarqis7304@gmail.(Malka Ara	Passed Out	Honours	Physiology	807	6290984001
68 shgftfrn@gmail.com Shagufta afreen	V	Honours	Maths (Honours)	183021-11-0015	9836748725
69 SINGHRAHUL7709@GM/ Rahul Kumar singh	v ·	General	Physics, chemistry, math	1.93021E+11	6289729310
	UI III	General		942	7980806817
70 ahmednizam502@gmail.cx Ahmed Nizam		General	Math ,phy.chem	902	7439969775
71 ummef819@gmail.com Umme fatima			Math, phy, chem	808	8961882504
72 ashiqurrahman067@gmail Ashiqur Rahman	Passed Out	Honours	Physiology	203021-21-0003	6289875347
73 aliayaan1471@gmail.com Ayaan Ali		Honours	Physiology Honours	203021-21-0003 814	6289875347
74 aliayaan1471@gmail.com Ayaan Ali		Honours	Physiology Honours	812	8017701933
75 mahmoodraskh08@gmail. Rashk Mahmood	ш	Honours	Physiology honours	905	9123845407
76 asiya824102@gmail.com Asiya khatoon	v	General	Physiologhy, botany, chemistry		6291839125
77 princejn004@gmail.com ADNAN JAHANGIR	III	Honours	Physiology	827	
78 asiya824102@gmail.com Asiya khatoon	V	General	Physiology,botany,chemistry	905	9123845407
79 iammdtausif201211996@cMd Tousif Ahmed	Passed Out	General	Mathematics, physics, Chemistry	903	8910962168
80 sabashamsi80@gmail.corr Saba noor	Passed Out	General	Physiology	951	8617735882
81 siddigueeramsha00@gma Ramsha siddiguee	m	General	Physiology, botany, physical education	914	8697597612
82 nehaafreen106@gmail.cor Neha Afreen	Passed Out	Honours	PHYA	801	8276039695
83 nehaafreen106@gmail.cor Neha Afreen	Passed Out	Honours	PHYA	801	8276039695
84 nehaafreen106@gmail.cor Neha Afreen	Passed Out	Honours	PHYA	801	8276039695
85 nehaafreen106@gmail.cor Neha Afreen	Passed Out	Honours	PHYA	801	8276039695
86 shinchannahid@gmail.com Nahid Nazneen	Passed Out	General	Math physics chemistry	904	9163939385
87 swetashaw419@gamil.con Sweta shaw	Passed Out	Honours	Mathematics	820 -	7685830588
88 swetashaw419@gamil.con SWETA SHAW	Passed Out	Honours	Mathematics	820	7685830588
89 imamtanvi1803@gmail.cor TANVI IMAM	Passed Out	Honours	Physiology	801	6289197224
90 manjushaw386@gmail.cor Manju shaw	V	Honours	Math	813	9123363480
91 khanmusharaf879@gmail. Musaraf jahan	ů	Honours	Physiology	825	6289411282
92 afreenshaikh7879@gmail. Afreen Parveen		Honours	Physiology hons	824	6291206451
		General	Bio science	923	9007282618
93 mdnazrulkhiddirpore@gmaMd Nazrul	10	Honours	PHYSIOLOGY	830	8336895195
94 rifatkhatoon656@gmail.co Rifat khatoon	W V	General	Physics, Chemistry, Mathematics	1.93021E+11	6289499780
95 himanshu.prasad1701200 Himanshu Prasad		Service and a characteristic service of the	BSc.	906	9073436522
96 sarimneyaz179@gmail.cor MD SARIM NEYAZ	Passed Out	General	Bsc general	916	6291161823
97 sarkarpayal03@gmail.com Payal Sarkar	Passed Out	General	B.Sc	910	9163001284
98 rupesh.101020@gmail.cor Rupesh kumar shaw	V	General	0.00		100 000 000 000 000 000 000 000 000 000

g roshansin200@gmail.com Roshan singh 0 salmanmonib2580@gmail. Md Monib Khan 1 salmanmonib2580@gmail. Md Monib Khan	× ×	General General General	Physics, chemistry,math Physics, chemistry math Physics, chemistry and math	1.93021E+11 916 916	6290602513 8910464821 8910464821
2 SINGHRAHUL7709@GM/ Rahul Kumar singh	v	General	Physics Chemistry Math	1.93021E+11 821	6289729310 9304749884
3 mdimran93047@gmail.cor Md imran	Passed Out	Honours	Mathematics honors	203021-12-0015	7890062757
4 qunoot.ali100@gmail.com Qunoot Ali	III	General	Bio science	822	9007557432
5 kainatsadaf7009@gmail.cx Kainat sadaf	v	Honours	Physiology	823	8420082540
alfiahashmi21@gmail.com Alfia Hashmi	v	Honours	Physiology	826	7044917256
7 Ksabreen238@gmail.com Sabreen Khatoon		Honours	PHYSIOLOGY	806	9875419440
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
"CAREER PROSPECTS AFT	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,
EVOLUTIONARY MEDIA PVT LTD, PROMOTER – GORCHA ENGINEERING
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.

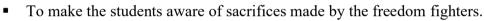


***** Department of Political Science, Harimohan Ghose College arranged a Visit to The Alipore Museum on 14.12.2022.

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

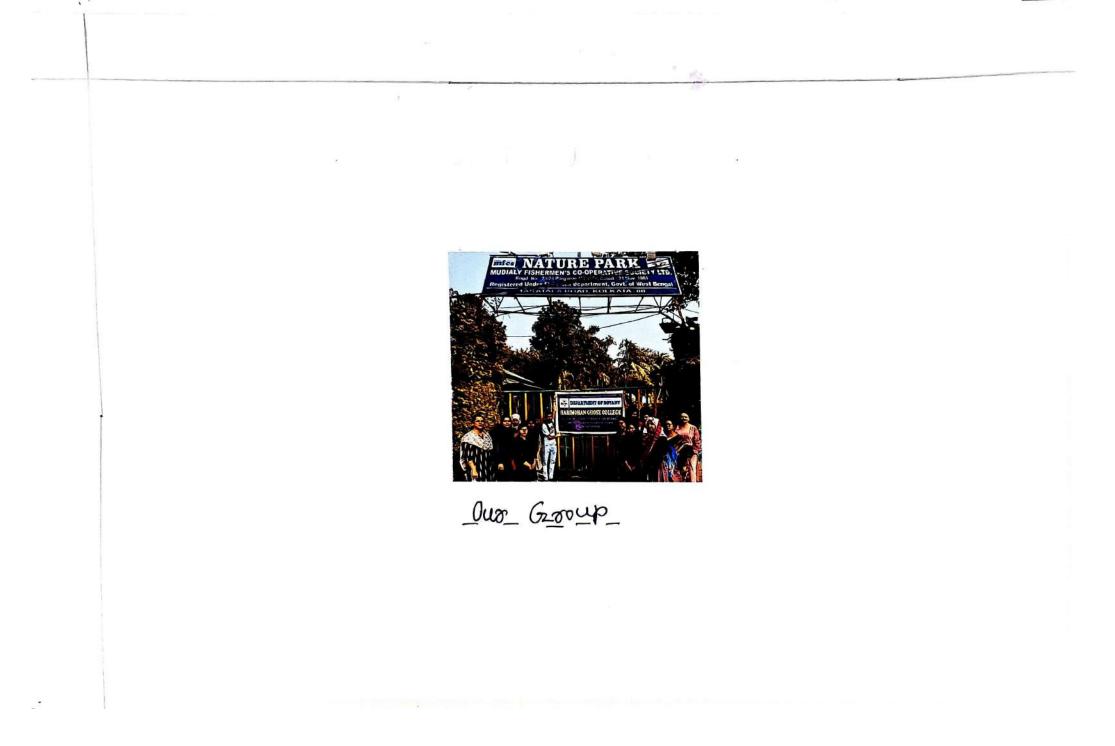
C.U. Regulation No :- 021-1211-0160-23.

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

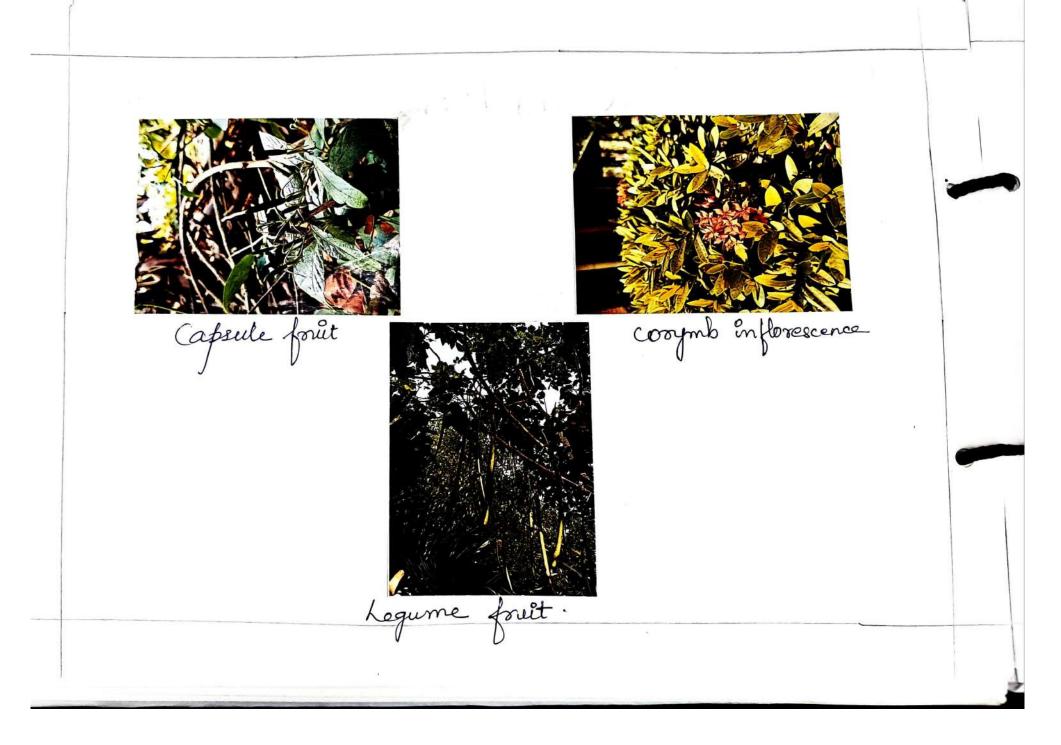
MBOT (MN-1) Field Notebook

Year = 2023

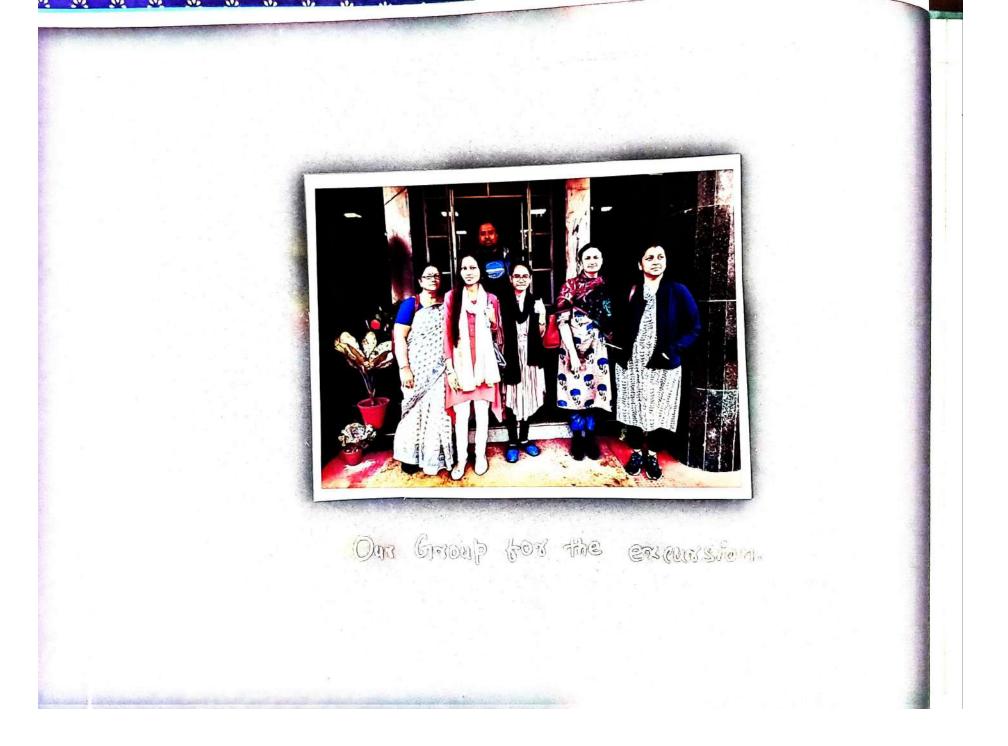
SLINO	Description	Rege NO.
1	What is field excursion	13-1
2	A field notebook	Pg-2
3	Purpose of an excursion	Pg-3
4	Particular of excursion	Pg-4
5	Excursion to The Nature Park	Pg-5
6	List of plants	Pg-6-7



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 6th 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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Date

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,

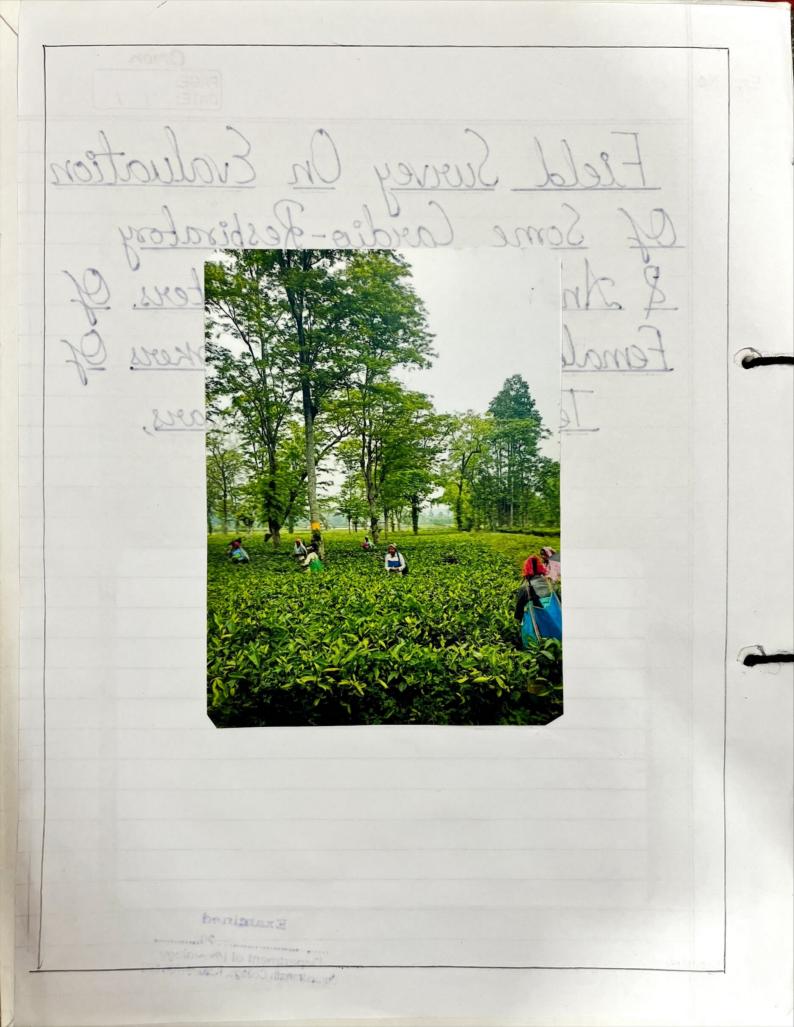
an Signature of the Student

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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 Fax: 033 2489-54

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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