



South Calcutta Girls' College

3.4.1 E-Copies of linkage related documents.

Letters of proposal for Faculty Exchange Program

Ph. Office : 2464-1312
Principal : 2464-4371

 **Muralidhar Girls' College**
P-411/14, GARIAHAT ROAD, BALLYGUNGE, KOLKATA - 700 029
(NAAC ACCREDITED - B+ +)

Ref. No..... Date. 20/12/21

To
The Principal
South Calcutta Girls' College
Kolkata, West Bengal

Sub.: - Proposal for faculty exchange program

Madam,

I would like to propose a faculty exchange program between the departments of Journalism and Mass Communication of your esteemed college and Muralidhar Girls' College. The planned curriculum will be delivered online in order to further students' educational growth and to broaden their understanding of current work – opportunities in the media industry. I will be grateful to you if you permit us to conduct the program.

A line of confirmation from your end will be gratefully acknowledged.

With regards,


Dr. Kinjalkini Biswas 20.12.21
Principal
Muralidhar Girls' College
Kolkata



South Calcutta Girls' College

Accredited by NAAC with B "

72, Sarat Bose Road
Kolkata - 700 025

Phone - (Principal) : 2454-2265

(Office) : 2475-3785

e-mail : southcalcuttagirlscollege@yahoo.com

Reference No. XI/15/JORA

Date 21/12/2021

To,
The Principal,
Vijaygarh Jyotish Ray College,
Kolkata-32

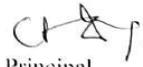
Subject: Faculty Exchange Programme.

Madam,

We would like to organise a faculty exchange programme of Department of Journalism and Mass Communication in collaboration with Vijaygarh Jyotish Ray College and Muralidhar Girls' College on 23rd December at 7 p.m. The planned curriculum will be delivered in order to broaden their knowledge in the subject and enlighten the course outcome and future opportunity in the media industry. The programme will be conducted in the Google platform.

A line of confirmation from your end will be gratefully acknowledged.

With Regards,

 21.12.2021
Principal

South Calcutta Girls' College
Principal & Secretary
South Calcutta Girls' College
72, Sarat Bose Road, Kolkata-25

Proposal :

South Calcutta Girls College - Thank you Note from
Presidency University Bangalore and request to extend
permission to conduct the interactive session's for
5th/final semester graduate students of your college for
the academic year 2022-2023

Inbox



Shafquat Irshad <shafquatirshad@presidencyuniversity.in> Thu, 23 Dec 2021, 5:19 PM ()

to me

Dr. Aparna De, Principal, South Calcutta Girls College

Dear Madam

Greetings from Presidency University, Bengaluru Kolkata Office!

I am thankful for your and the coordination committee team time and courtesy for the meeting for the meeting on 23 December 2021 and also confirming the date on 28 December 2021 for an Interactive session Webinar for your students.

At the outset let me congratulate you and your esteemed institution on the significant contribution made to the propagations of Quality Education. The growth of your institution and impressive performance of your students is a testimony to the high caliber of your management team and to the quality imparted.

We are glad to inform you that our galaxy of accomplished faculty / career guidance experts from IITs, IISCs, BITs, NITs, IIMs, ISBs, NLUs, Kellogs, University of California and other prestigious institutions have conducted Career Guidance Workshops across the country.

The landscape of higher education is getting changed very rapidly. This is the era of enterprise 4.0. The student needs to upgrade and upskill with new trends and need to pursue courses which equip them with these tools and new technology so that they can in a race in the coming decade.

We have conducted such Workshops this year as well. In this regard, we invite your students to attend the Webinar on **"Building a Cutting- Edge Career in 21st Century after graduation" on Tuesday 28 December 2021 at about 2-3 PM**. The duration of the presentation would be an hour or so followed by Q & A Session for about 15-20 minutes. Presidency University conducts these sessions as part of our Institutional Social Responsibility (ISR) initiative. You would be aware of the fact that some of your bright students have chosen to pursue professional education at Presidency University and we are glad to have them here.

You would appreciate that Undergraduate Education; most of them would be at a crossroads as to the destination of their Higher Education. Choosing a College or University is vital for a successful career. We are confident that the students will surely benefit from this program.

It is with great pleasure I am sharing that we have already conducted a very interactive Career Counselling Session with the students of DPS Siliguri, Umeshchandra College, Agrasain Balika Siksha Sadan, St. Augustine Day School, Olivia Enlightened English School Darjeeling, Garden High International School, Calcutta Girls, Surendra Nath Law College, Barrackpore Rastraguru College and many more.

Your kind cooperation and support in this regard is highly appreciated. I will also be in touch to conduct in-house seminar also on Monday 17 January 2022

Please feel free to contact for any clarification 95 13 68 85 07 / 85 82 81 75 05.

#stay safe # stay blessed
best regards

Shafquat Irshad MBA UK

**Regional Manager - Operations
West Bengal and North East**



South Calcutta Girls' College

Department of Botany Syllabus

1. Work out of the following algae with reproductive structure (Free hand drawing and drawing under drawing prism with magnification): *Oedogonium*, *Chara*, *Ectocarpus*.
2. Study of (a) Permanent slides : *Gloeotrichia*, *Volvox*, *Vaucheria*, *Coleochaete*, *Polysiphonia*, Centric and Pennate diatom; (b) Macroscopic specimens : *Laminaria*, *Sargassum*.

MICROBIOLOGY

1. Preparation of bacterial media – (a) Nutrient agar and nutrient broth, (b) Preparation of slants and pouring Petri-plates.

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2. Sub-culturing of bacterial culture.
3. Gram staining from bacterial culture.
4. Microscopic examination of bacteria from natural habitat (curd) by simple staining.

FIELD WORK

At least one local excursion to be conducted for study and collection of algae (only 5 from natural habitat) and another local excursion should be conducted to give an introductory idea about plant diversity (Collection not required).

BOTA , PART -1 (UNDER 1+1+1SYSTEM) PART OF SYLLABUS HILIGHTING FIELD TRIP

PRACTICAL- PLANT DIVERSITY II (PTERIDOPHYTES, GYMNOSPERMS, PALAEOBOTANY, MORPHOLOGY AND TAXONOMY) (BOT-G-CC-2-2-P) (Credits 2)

1. Dissection, drawing and labelling, description of angiospermic plants and floral parts, floral formula and floral diagram, identification (family) from the following families: Leguminosae (Fabaceae), Malvaceae, Solanaceae, Labiatea (Lamiaceae), Acanthaceae.

2. Identification with reasons:

Macroscopic specimens of *Selaginella* and *Pteris*, male and female strobilus of *Cycas* and *Pinus*, Anatomical slides (stellar types, transfusion tissue, sieve tube, sunken stomata, lenticels), inflorescence types.

3. **Spot identification** of the following Angiospermic plants (scientific names and families): *Sida rhombifolia* (Malvaceae), *Abutilon indicum* (Malvaceae), *Cassia sophora* (Fabaceae), *Tephrosia halimtonii* (Fabaceae), *Crotolaria palida* (Fabaceae), *Coccinia grandis* (Cucurbitaceae), *Solanum indicum* (Solanaceae), *Nicotiana plumbagenifolia* (Solanaceae), *Leucas aspera* (Lamiaceae), *Leonurus sibiricus* (Lamiaceae), *Parthenium hysterophorus* (Asteraceae), *Tridax procumbense* (Asteraceae), *Eclipta prostrate* (Asteraceae), *Eragrostis tenella* (Poaceae), *Chrysopogon aciculatus* (Poaceae), *Eleusine indica* (Poaceae), *Vanda taesellata* (Orchidaceae).

4. **Laboratory records:** Laboratory note books (regularly signed) and slides (prepared in class) are to be submitted at the time of Practical Examination. Regular attendance in the class must be credited.

5. **Field excursion:** Local Excursions (at least two including one to Acharya Jagadish Chandra Bose Botanic Garden, Shibpur, Howrah)

6. **Field Records:** Field note book and 15 herbarium sheets of common Angiospermic weeds are to be prepared and submitted at the time of Practical Examination. Regular attendance in the class must be credited.

BOTG , CC-2-P ; PART OF SYLLABUS HILIGHTING FIELD TRIP



South Calcutta Girls' College
DEPARTMENT OF BOTANY


Report on Field Study Trips during 2019-20

s/n	TITLE HEAD (2019-20)	APPLICABLE		IF YES, Please mention the following items which are applicable .
		YES	NO	
	Field project/ programme:-		No	
1A	Name of project/programme:-	Date and duration:- No of students enrolled:- Semester/year:- Hons /general:-		
1B	Name of project/programme:-	Date and duration:- No of students enrolled:- Semester/year:- Hons /general:-		
1C	Name of project/programme:-	Date and duration:- No of students enrolled:- Semester/year:- Hons /general:-		
	One day excursion:-	Yes		
2A	Place of excursion:- Acharya Jagadish Chandra Bose Indian Botanic Garden (AJCBIBG) Document Files: Botany 2019-20 Excursion List of Students (Sheet1); Exc Letter 11.09.2019; Exc List 11.09.2019; Exc Photo 11.09.2019-1 and Exc Photo 11.09.2019-2	Date :- 11.09.2019 No of students enrolled:- 31 Semester/year:- Sem3Hons. & 3 rd Gen. Hons /general:- Hons & Gen.		
2B	Place of excursion:- Subhasgram and surrounding areas Document Files: Botany 2019-20 Excursion List of Students (Sheet2); Exc List 17.09.2019; Exc Photo 17.09.2019	Date :- 17.09.2019 No of students enrolled:- 23 Semester/year:- Sem3Hons. & Sem1Gen. Hons /general:- Hons. & Gen.		
2C	Place of excursion:- Agricultural Experimental Farm, University of Calcutta, Baruipur Document Files: Botany 2019-20 Excursion List of Students (Sheet3); Exc Letter 25.09.2019; Exc List 25.09.2019; Exc Photo 25.09.2019	Date :- 25.09.2019 No of students enrolled:- 25 Semester/year:- Sem3Hons. & Sem1Hons. Hons /general:- Hons.		
	Internship :-		No	
3A	Venue of internship:- Specification :	Date :- No of students enrolled:- Semester/year:- Hons /general:-		
3B	Venue of internship:- Specification	Date :- No of students enrolled:- Semester/year:- Hons /general:-		

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South Calcutta Girls' College
DEPARTMENT OF BOTANY

 **South Calcutta Girls' College**
Accredited by NAAC with B++

Bose Road
70 025

Phone - (Principal) : 2454 - 2265
(Office) : 2475 - 3785
e-mail : southcalcuttagirlscollege@yahoo.com

Date 2019

Sl. No.

To
The Head of Office
Acharya Jagadish Chandra Bose Indian Botanic Garden
Botanical Survey of India
Shibpur, Howrah
West Bengal 711003


Sub: Visiting of Botanic Garden (Medicinal Plant Unit) for educational purpose


Respected Sir,


This is to bring to your kind notice that a group of student of B. Sc 3rd Semester (Hons) and B. Sc 3rd year (Gen.) students (about 25) of Department of Botany of our college will visit the Botanic Garden especially the Medicinal Plant Unit for educational purpose on 11th of September 2019. Sr. Minnal Kanti Bhunia and Dr. Sento Kumar Dey will accompany them.

I shall be very glad if you kindly make the necessary arrangement in this regards and oblige.

Thanking You,

Yours faithfully,
 09.09.19
(Dr. Aparna De)
Principal & Secretary
South Calcutta Girls' College
Principal & Secretary
South Calcutta Girls' College
72, Sarat Bose Road, Kolkata

 09/9/19

 09.09.19
(Dr. Aparna De)
Principal & Secretary
South Calcutta Girls' College
72, Sarat Bose Road, Kolkata

Pradyumn Dey Roy 09/9/19



South Calcutta Girls' College
DEPARTMENT OF BOTANY

Report on Field Study Trips during 2019-20

Botanical Field Study Trip to Acharya Jagadish Chandra Bose Indian Botanic Garden on 11.09.2019

A botanical local field study trip to Acharya Jagadish Chandra Bose Indian Botanic Garden on 11.09.2019 was held for the students of Sem3Hons. and 3rd Gen. students of the Department of Botany, South Calcutta Girls' College. The mentioned trip was a compulsory one as per the curriculum of study and extremely important for the students to have an in-depth first hand knowledge regarding plants. The visit to the garden also exposes them to the vast knowledge harboured by the research scientists and officials at the garden. Students have a infield learning of the methods of excite conservation of exotic and endangered plants. A visit to the Central National Herbarium (CNH) located within the compound of the Garden has been a lifetime experience for them where they observed the various methods of preservation and processing of Herbarium specimens. Visit to the Medicinal Plant Garden of 'Charaka Udyan' in the Garden is essential for the 3rd Gen. students where they learned about various medicinal plants, their cultivation and uses- a valuable knowledge which may help them in their future career. The trip was an extremely resourceful and enlightening one.

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South Calcutta Girls' College
DEPARTMENT OF BOTANY

South Calcutta Girls' College
HAAS Accredited

73, Barab Road
Kolkata-700 025

Phone : Principal : 2464 2206
Office : 2476 3786

Ref. No. _____ Date _____

The following is the list of participants for the Field Visit to Sanyal Rajshahi Chandra Bose Botany Garden and Central National Herbarium on 11.03.2021

Sl. No.	Name	Class	Roll no.
1.	Pratyakha Paul	BC ² (Sci) (H)	1001100
2.	Agastha Roy	BC ² (Sci) (H)	1001100
3.	Charishma Paul	BC ² (Sci) (H)	1001100
4.	Indira Achak	BC ² (Sci) (H)	1001111
5.	Anurupa Mandal	BC ² (Sci) (H)	1001122
6.	Sanchita Halder	BC ² (Sci) (H)	1001135
7.	Sangeeta Banerjee	BC ² (Sci) (H)	1001139
8.	Kaustubha Pandey	BC ² (Sci) (H)	1001140
9.	Sayoni Banerjee	BC ² (Sci) (H)	1001143
10.	Rafaela Tachi	BC ² (Sci) (H)	140
11.	Pragya Dey Roy	BC ² (Sci) (H)	172
12.	Aditi	BC ² (Sci) (H)	172
13.	Parvathi Mondal	BC ² (Sci) (H)	160
14.	Rucha Roy	BC ² (Sci) (H)	109
15.	Soumi Dey	BC ² (Sci) (H)	204
16.	Roupa Dasgupta	BC ² (Sci) (H)	210
17.	Rukalya Khaitan	BC ² (Sci) (H)	274
18.	Ujjayanta Banerjee	BC ² (Sci) (H)	401
19.	Srijita Dey	BC ² (Sci) (H)	404
20.	Deba Mondal	BC ² (Sci) (H)	405
21.	Sanchita Paul	BC ² (Sci) (H)	619
22.	Palash Mondal	BC ² (Sci) (H)	615
23.	Thyasha Roy	BC ² (Sci) (H)	617
24.	Riya Halder	BC ² (Sci) (H)	618
25.	Zareen Akter	BC ² (Sci) (H)	619
26.	Sneha Paul	BC ² (Sci) (H)	811
27.	Arpita Arora	BC ² (Sci) (H)	812
28.	Soumi Dey	BC ² (Sci) (H)	813
29.	Habibulla Bhanda	BC ² (Sci) (H)	817
30.	Jalil Bhowmik	BC ² (Sci) (H)	818
31.	Rhovanthi Saha	BC ² (Sci) (H)	838
	Mrinal Karthi Bhunia	Execut	
	Dr. Sinto Kumar Dey	Casual	

Dr. Aparna Das
Principal & Secretary
South Calcutta Girls' College
73, Barab Road, Kolkata-700 025

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South Calcutta Girls' College

DEPARTMENT OF BOTANY

List of students participating in Local field study trip to AJCBIBG and CNH on 11.09.2019

Sl.No.	Name	Class
1	Priyanka Paul	Sem 3 Hons.
2	Ayushi Rai	Sem 3 Hons.
3	Chandrika Paul	Sem 3 Hons.
4	Ishita Adak	Sem 3 Hons.
5	Anurima Mandal	Sem 3 Hons.
6	Sushmita Halder	Sem 3 Hons.
7	Saugata Banerjee	Sem 3 Hons.
8	Madhurima Nandy	Sem 3 Hons.
9	Sayani Banerjee	Sem 3 Hons.
10	Rahala Tudu	3rd Gen.
11	Pragya Dey Roy	3rd Gen.
12	Aditi	3rd Gen.
13	Paramita Mandal	3rd Gen.
14	Neha Roy	3rd Gen.
15	Soumi Gayen	3rd Gen.
16	Rimpa Naskar	3rd Gen.
17	Rukaiya Khatoon	3rd Gen.
18	Bhagyashree Banerjee	3rd Gen.
19	Srijita Dey	3rd Gen.
20	Disha Mandal	3rd Gen.
21	Sanchita Barui	3rd Gen.
22	Pallavi Mandal	3rd Gen.
23	Tiyasha Roy	3rd Gen.
24	Riya Halder	3rd Gen.
25	Zareen Akhter	3rd Gen.
26	Sneha Paul	3rd Gen.
27	Arpita Amin	3rd Gen.
28	Soumi Dey	3rd Gen.
29	Nabanita Bhunia	3rd Gen.
30	Jhilik Biswas	3rd Gen.
31	Bhaswati Saha	3rd Gen.

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South Calcutta Girls' College

DEPARTMENT OF BOTANY

Report on Field Study Trips during 2018-19

s/n	TITLE HEAD (2018-19)	APPLICABLE		IF YES, Please mention the following items which are applicable .
		YES	NO	
	Excursion:-	Yes		
1	Place of excursion:- Acharya Jagadish Chandra Bose Indian Botanic Garden Document Files: Exc Pic 06.09.2018			Date :- 06.09.2018 No of students enrolled:- 14 Semester/year:- Sem 1 Hons. Hons /general:- Hons.
2	Place of excursion:- Acharya Jagadish Chandra Bose Indian Botanic Garden Document Files: Exc Photo 22.01.2019			Date :- 22.01.2019 No of students enrolled:- 17 Semester/year:- 2 nd Hons. Hons /general:- Hons.
3	Place of excursion:- Acharya Jagadish Chandra Bose Indian Botanic Garden and Central National Herbarium Document Files:			Date :- 29.01.2019 No of students enrolled:- 67 Semester/year:- 2 nd Gen. and 3 rd Gen. Hons /general:- Gen.
4	Place of excursion:- Daringbari, Gopalpur and surroundings Document Files: Exc Not 19.02.2019 to 25.02.2019, Exc Photo 19.02.2019 to 25.02.2019-1, Exc Photo 19.02.2019 to 25.02.2019-2			Date :- 19.02.2019 to 25.02.2019 No of students enrolled:- 14 Semester/year:- 2 nd Hons. Hons /general:- Hons.
5	Place of excursion:- Agri-Horticultural Society of India, Alipore, Kolkata Document Files: Exc Photo 05.03.2019-1, Exc Photo 05.03.2019-2			Date :- 05.03.2019 No of students enrolled:- 64 Semester/year:- 2 nd Hons., Sem 2 Hons. and Sem 2 Gen. Hons /general:- Hons. and Gen.
6	Place of excursion:- Acharya Jagadish Chandra Bose Indian Botanic Garden and Central National Herbarium Document Files: Exc Photo 27.03.2019			Date :- 27.03.2019 No of students enrolled:- 23 Semester/year:- Sem 2 Gen. Hons /general:- Gen.


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South Calcutta Girls' College

DEPARTMENT OF BOTANY

Botanical Field Study Trips to Acharya Jagadish Chandra Bose Indian Botanic Garden on 06.09.2018, 22.01.2019, 29.01.2019 and 27.03.2019

Botanical local field study trips to Acharya Jagadish Chandra Bose Indian Botanic Garden were held on 06.09.2018, 22.01.2019, 29.01.2019 and 27.03.2019 for students of 2nd Hons., Sem1 Hons., 2nd Gen., 3rd Gen. and Sem2 Gen. of the Department of Botany, South Calcutta Girls' College. The mentioned trips were compulsory as per the curriculum of study and extremely important for the students to have an in-depth first hand knowledge regarding plants. The visit to the garden also exposes them to the vast knowledge harboured by the research scientists and officials at the garden. Students have an in-field learning of the methods of excise conservation of exotic and endangered plants. A visit to the Central National Herbarium (CNH) located within the compound of the Garden has been a lifetime experience for them where they observed the various methods of preservation and processing of Herbarium specimens. Visit to the Medicinal Plant Garden of 'Charaka Udyan' in the Garden is essential for the 3rd Gen. students where they learned about various medicinal plants, their cultivation and uses- a valuable knowledge which may help them in their future career. The trip was an extremely resourceful and enlightening one.

List of students participating in Local field study trip to AJCBIBG and CNH on 06.09.2018		
Sl.No.	Name	Class
1	Priyanka Paul	Sem 1 Hons.
2	Ayushi Rai	Sem 1 Hons.
3	Chandrika Paul	Sem 1 Hons.
4	Ishita Adak	Sem 1 Hons.
5	Anurima Mandal	Sem 1 Hons.
6	Sushmita Halder	Sem 1 Hons.
7	Saugata Banerjee	Sem 1 Hons.
8	Madhurima Nandy	Sem 1 Hons.
9	Sayani Banerjee	Sem 1 Hons.
10	Nayana Verma	Sem 1 Hons.
11	Sharodiya Srimani	Sem 1 Hons.
12	Maitri Baidya	Sem 1 Hons.
13	Sarbani Chatterjee	Sem 1 Hons.
14	Suparna Rana	Sem 1 Hons.

List of students participating in Local field study trip to AJCBIBG and CNH on 22.01.2019


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South Calcutta Girls' College

DEPARTMENT OF BOTANY

63	Rimpa Naskar	2nd Gen.
64	Fatima Aquib	2nd Gen.
65	Shreyassi Acharya	2nd Gen.
66	Paromita Mondal	2nd Gen.
67	Soumi Gayen	2nd Gen.

List of students participating in Local field study trip to AJCBIBG and CNH on 27.03.2019

Sl.No.	Name	Class
1	Sumedha Roy	Sem2 Gen.
2	Sukanya Chatterjee	Sem2 Gen.
3	Nisha Singh	Sem2 Gen.
4	Chandrani Ghosh	Sem2 Gen.
5	Atindriya Saha	Sem2 Gen.
6	Rinkina Rout	Sem2 Gen.
7	Divya Pandey	Sem2 Gen.
8	Sayantani Das	Sem2 Gen.
9	Jasmina Mallick	Sem2 Gen.
10	Arundhuti Paul	Sem2 Gen.
11	Pallabi Show	Sem2 Gen.
12	Prakriti Patra	Sem2 Gen.
13	Debosmita Roychowdhury	Sem2 Gen.
14	Rajanya Saha	Sem2 Gen.
15	Papia Mondal	Sem2 Gen.
16	Susmita Sardar	Sem2 Gen.
17	Rinky Mistry	Sem2 Gen.
18	Nabadita Pramanick	Sem2 Gen.
19	Ghazala Mehjabeen	Sem2 Gen.
20	Deesha Maity	Sem2 Gen.
21	Madhumita Banerjee	Sem2 Gen.
22	Insha Ahmed	Sem2 Gen.
23	Mousumi Sarkar	Sem2 Gen.


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South Calcutta Girls' College

DEPARTMENT OF BOTANY

19	Sagarika Roy Chwdhury	3rd Gen.
20	Shahnaz Khatun	3rd Gen.
21	Sonali Dhar	3rd Gen.
22	Poulomi Ganguly	3rd Gen.
23	Moutushi Sasmal	3rd Gen.
24	Sudeshna Das	2nd Gen.
25	Neha Roy	2nd Gen.
26	Sunayana Kole	2nd Gen.
27	Pragya Dey Roy	2nd Gen.
28	Kajal Singh	2nd Gen.
29	Priya Das	2nd Gen.
30	Sadinna Noor	2nd Gen.
31	Shazia Anenna	2nd Gen.
32	Bhagyashree Banerjee	2nd Gen.
33	Tanushree Chakraborty	2nd Gen.
34	Srijita Dey	2nd Gen.
35	Tiyasha Roy	2nd Gen.
36	Riya Halder	2nd Gen.
37	Ishrat Azmi	2nd Gen.
38	Zarina Akhter	2nd Gen.
39	Bhaswati Saha	2nd Gen.
40	Arshiya Nabi	2nd Gen.
41	Arpita Amin	2nd Gen.
42	Nabanita Bhunia	2nd Gen.
43	Jhilik Biswas	2nd Gen.
44	Debarati Banerjee	2nd Gen.
45	Subhalagna Banerjee	2nd Gen.
46	Ankita Nath	2nd Gen.
47	Aditi	2nd Gen.
48	Saswati Talukdar	2nd Gen.
49	Sneha Paul	2nd Gen.
50	Keya Mandal	2nd Gen.
51	Annesha Patra	2nd Gen.
52	Nourin Nazir	2nd Gen.
53	Ayasweta Chakraborty	2nd Gen.
54	Disha Mandal	2nd Gen.
55	Soumi Dey	2nd Gen.
56	Sanchita Baroi	2nd Gen.
57	Rahala Tudu	2nd Gen.
58	Dishari Ghosh	2nd Gen.
59	Suchandrima Dey	2nd Gen.
60	Pallabi Mandal	2nd Gen.
61	Riya Halder	2nd Gen.
62	Masira Fatma	2nd Gen.

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South Calcutta Girls' College

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Sl.No.	Name	Class
1	Sukanya Sanyal	2nd Hons.
2	Nabonita Dasgupta	2nd Hons.
3	Nabonita Banik	2nd Hons.
4	Bushra Ismail	2nd Hons.
5	Sohana Momtaj	2nd Hons.
6	Anyesha Banerjee	2nd Hons.
7	Tasmiya Javed	2nd Hons.
8	Adrita Hazra	2nd Hons.
9	Afsana Gazi	2nd Hons.
10	Sania Kaiser	2nd Hons.
11	Talat Arzoo Parveen	2nd Hons.
12	Sudipta Hansda	2nd Hons.
13	Indrani Mandi	2nd Hons.
14	Tamanna Afrin	2nd Hons.
15	Naima Naaz	2nd Hons.
16	Waiza Tanveer	2nd Hons.
17	Musharrat Shakil	2nd Hons.

List of students participating in Local field study trip to AJCBIBG and CNH on 29.01.2019

Sl.No.	Name	Class
1	Rabiya Khatun	3rd Gen.
2	Soumita Purkait	3rd Gen.
3	Afroza Khatun	3rd Gen.
4	Rittika Ghosh	3rd Gen.
5	Qadra Tabassum	3rd Gen.
6	Kanika Bhattacharya	3rd Gen.
7	Tiyasa Sadhukhan	3rd Gen.
8	Ankita Deb	3rd Gen.
9	Subhasree Singh	3rd Gen.
10	Noor Saba	3rd Gen.
11	Manisha Dey	3rd Gen.
12	Manima Dey Sarkar	3rd Gen.
13	Karishma Khatun	3rd Gen.
14	Shabnam Khatun	3rd Gen.
15	Rubina Rahaman	3rd Gen.
16	Piyali Das	3rd Gen.
17	Arati Rai	3rd Gen.
18	Saba Parveen	3rd Gen.

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DEPARTMENT OF BOTANY



Field photograph at AJCBIBG

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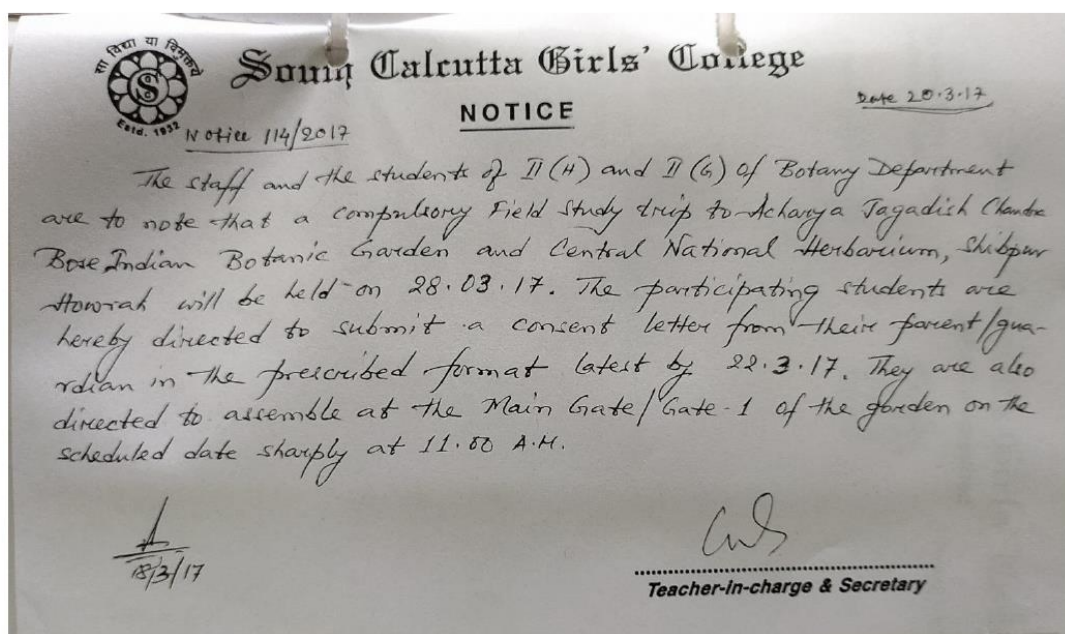


South Calcutta Girls' College

DEPARTMENT OF BOTANY

Botanical Field Study Trip to Acharya Jagadish Chandra Bose Indian Botanic Garden on 28.03.2017

A botanical local field study trip to Acharya Jagadish Chandra Bose Indian Botanic Garden, Howrah on 28.03.2017 was held for the students of 2nd Hons. and 2nd Gen. of the Department of Botany, South Calcutta Girls' College. The mentioned trip was a compulsory one as per the curriculum of study and extremely important for the students to have an in-depth first-hand knowledge regarding plants. The visit to the garden also exposes them to the vast knowledge harboured by the research scientists and officials at the garden. Students have an in-field learning of the methods of excise conservation of exotic and endangered plants. A visit to the Central National Herbarium (CNH) located within the compound of the Garden has been a lifetime experience for them where they observed the various methods of preservation and processing of Herbarium specimens. Visit to the Medicinal Plant Garden of 'Charaka Udyan' in the Garden is essential for the 3rd Gen. students where they learned about various medicinal plants, their cultivation and uses- a valuable knowledge which may help them in their future career. The trip was an extremely resourceful and enlightening one.



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DEPARTMENT OF BOTANY

Report on Field Study Trips during 2016-17

s/n	TITLE HEAD (2016-17)	APPLICABLE		IF YES, Please mention the following items which are applicable .
		YES	NO	
	Excursion:-	Yes		
1	Place of excursion:- Narendrapur Ramakrishna Mission Ashrama Acharya Jagadish Chandra Bose Indian Botanic Garden (AJCBIBG) Document Files: Exc Not 31.01.2017			Date :- 31.01.2017 No of students enrolled:- 49 Semester/year:- 2Hons., 3 rd Gen. and 2 nd Gen. Hons /general:- Hons & Gen.
2	Place of excursion:- Shantiniketan and Messanjore Document Files: Exc Not 08.03.2017 to 10.03.2017; Exc Photo 08.03.2017 to 10.03.2017			Date :- 08.03.2017 to 10.03.2017 No of students enrolled:- 5 Semester/year:- 2 nd Hons. Hons /general:- Hons.
3	Place of excursion:- Acharya Jagadish Chandra Bose Indian Botanic Garden (AJCBIBG) and Central National Herbarium (CNH) Document Files: Exc Not 28.03.2017			Date :- 28.03.2017 No of students enrolled:- 29 Semester/year:- 2 nd Hons. & 2 nd Gen. Hons /general:- Hons. & Gen.


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DEPARTMENT OF BOTANY

List of students participating in Local field study trip to AJCBIBG and CNH on 28.03.2017

Sl.No.	Name	Class
1	Aratrika Adhikary	2nd Gen.
2	Sneha Majumder	2nd Gen.
3	Somashree Paul	2nd Gen.
4	Tiyasa Adhya	2nd Gen.
5	Nikhat Parveen	2nd Gen.
6	Trisha Das	2nd Gen.
7	Debika Adhikary	2nd Gen.
8	Dreya Dasgupta	2nd Gen.
9	Manisha nRawat	2nd Gen.
10	Afreen Nehal	2nd Gen.
11	Ananya Mukherjee	2nd Gen.
12	Ashmita Dey	2nd Gen.
13	Amrita Das	2nd Gen.
14	Madhushree Nandi	2nd Gen.
15	Rupa Singh	2nd Gen.
16	Anindita Roy	2nd Gen.
17	Shrimoyee Chowdhury	2nd Gen.
18	Annesha Das	2nd Gen.
19	Poulomi Ganguly	2nd Gen.
20	Susmita Mandal	2nd Hons.
21	Soma Patra	2nd Hons.
22	Arpita Ghoshal	2nd Hons.
23	Shreyasi Majumder	2nd Hons.
24	Tanushree Karmakar	2nd Hons.
25	Sneha Chakraborty	2nd Hons.
26	Suchismita Sinha	2nd Hons.
27	Sarwat Parveen	2nd Hons.
28	Srimoyee Banerjee	2nd Hons.
29	Asmita Raha	2nd Hons.


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DEPARTMENT OF ZOOLOGY

OLD SYLLABUS

the farm, cost benefit accounts, impact on farmers and impact on the specific beneficiaries)

h. Visit to an institution of zoological importance – its documentation. For example: Zoo Garden, ZSI, Zoological Gallery of the Indian Museum, etc.

[Note: Field study may be made in any time of the three year course]

FIELD-TRIPS AS PART OF CURRICULUM

Unit 4: Ecosystem	8
Types of ecosystem with an example in detail, Food chain: Detritus and grazing food chains, Linear and Y-shaped food chains, Food web, Energy flow, Ecological pyramids and Ecological efficiencies; Nitrogen cycle.	
Unit 5: Applied Ecology	7
Types & level of biodiversity Mega-diversity countries, Biodiversity Hot spot, Flagship species, Keystone species, Wildlife Conservation (<i>in situ</i> and <i>ex situ</i> conservation), concept of protected areas. Red data book, Indian wild life act & Schedule. Concept of corridor, advantages and problem of corridor. Threats to survival and conservation strategies for Tiger, Olive ridley, White Rumped Vulture.	

Ecology Lab, ZOOA-CC5-11-P

Full Marks 30	60 Hours	2 Credits
List of Practical		
<ol style="list-style-type: none"> 1. Determination of population density in a natural/hypothetical community by quadrat method and calculation of Shannon-Weiner diversity index for the same community 2. Study of an aquatic ecosystem: Phytoplankton and zooplankton, Measurement of area, temperature, salinity, determination of pH, and Dissolved Oxygen content (Winkler's method), Chemical Oxygen Demand and free CO₂ 3. Report on a visit to National Park/Biodiversity Park/Wild life sanctuary/ any place of ecological interest/ ecological uniqueness/ Zoological garden 		

PART III: SEMESTER 5

CORE COURSE 12.Principle of Genetics

ZOOA-CC5-12-TH

Full Marks 50	4 Credits	Class
Unit 1: Mendelian Genetics and its Extension	12	
Principles of inheritance, Incomplete dominance and co-dominance, Epistasis, Multiple alleles, Isoallele (White eye mutations), Pseudoallele (Lozenge Locus) & Cis-trans test for allelism, Lethal alleles, Pleiotropy, Penetrance & Expressivity		
Unit 2: Linkage, Crossing Over and Linkage Mapping	8	
Linkage and Crossing, Complete & Incomplete Linkage, Measuring Recombination frequency and linkage map construction using three factor crosses, Interference and coincidence Sex linkage in <i>Drosophila</i> (White eye locus) & Human (Haemophilia).		



South Calcutta Girls' College

72, Sarat Bose Road, Kolkata-700025
NAAC B++ Accredited

Field Report Preparation
2017-2018
Department of Zoology

Local Excursion to Alipore Zoo, Kolkata
2017

Introduction

The Zoological Garden, Alipore (the Alipore Zoo or Calcutta Zoo) is India's oldest formally stated zoological park and a big tourist attraction in Kolkata, West Bengal. It has been open as a zoo since 1876, and covers 18.811 hectare (46.48 acres). Total 1266 number of animals belonging to 108 species are there in Alipore Zoo.

Date of the visit: 3.2.17

Batch of students: 2nd year BSc. General students

Teacher: Dr. Mrs Sudipta Ghosh and Mrs. Arpita Halder

Purpose

1. The zoo remains one of the most popular tourist attractions in Kolkata.
2. The zoo displays a large number of crowd pulling mega fauna including the royal bengal tiger, African lion, Jaguars, Hippopotamus, One horned Rhinoceros, Giraffe, Zebra, Emu and Indian Elephant.
3. It is also known to be the home to one of the few captive breeding projects involving Manipur brow antlered deer.

Outcome of visits

1. We saw a large number of animals like *Naja* sp. *Gekko* sp. *Crocodylus* sp. *Alligator*, *Trionyx*, *Rhea*, *Struthio* sp. *Pavo* sp. *Pan* sp. *Equus* sp. *Hyaena*, *Axis*, *Lemur*, *Panthera leo*. *Panthera tigris*, *Chimpanzee*, *Rhinoceros* *Giraffa* sp and *Elephas* sp.
2. The Alipore Zoo was among the first zoos in the world to breed white tigers and the common reticulated Giraffe.
3. Breeding programme of the Manipur brow antlered deer in The Alipore Zoo has been brought back from the brink of extinction.

4.It is the home for wintering migratory birds like swan, crane, stork etc.



List of Students

SL.NO.	NAME
1	ANURITA DAS
2	ANAMIKA MAITY
3	DEBANJALI PAL
4	MANISHA DAS
5	MITA CHAKRABORTY
6	NABASHREE SEN
7	POULOMI GUHA
8	PRITI NAIYA
9	PRIYANKA DAS
10	REETAMA SHEE
11	RITWIKI CHOWDHURY
12	RONJINI GHOSH
13	SAYANI BANERJEE
14	SAYANTANI KUNDU
15	SIMRAN JAISWAL
16	SNEHA DAS
17	SWATI GHOSH
18	TANIYA DUTTA
19	TRISHA MALLICK