

RANI BIRLA GIRLS' COLLEGE

38, Shakespeare Sarani, Kolkata- 700017



DVV

CLARIFICATIONS

Criterion Name: **Institutional Values and Best Practices**

Index No: 7.1.3

Subtitle: **The Institutional Environment and Energy Initiatives:**

**ACTION
TAKEN
REPORT**

ACTION TAKEN REPORT BASED ON POLICY DOCUMENT

➤ ENERGY CONSERVATION:

- LED Tubes have been installed replacing normal tubes.
- Solar garden lights have been installed.
- Awareness programs were conducted regularly for switching off lights / fans in the classrooms / washrooms / labs / library.

➤ WASTE MANAGEMENT:

- Colour coded bins were placed to segregate degradable and non-degradable wastes.
- Non-degradable waste (paper/glass) were sent for recycling.
- MoU was signed with e-waste recycling organisation.
- Vermicompost pit has been set up.
- Regular awareness programs on waste recycling, segregation and disposal were organised.

➤ WATER CONSERVATION:

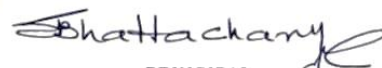
- Regular check-ups of taps / tanks / pipes were arranged to prevent water wastage by leaking.
- Electronic stop-cock has been installed in the water reservoir to stop overflow of water from the reservoir.

➤ GREEN LANDSCAPING:

- Maintenance of college lawn / garden was ensured by appointing a gardener.
- Emphasis has been laid on growing flowering and nectar producing plants to encourage small fauna like bees / butterflies.
- A patch for medicinal plants has been created in the college garden.
- Tree plantation drives were organised.

➤ PLASTIC-FREE CAMPUS:


- A plastic free campus awareness drive was organised.
- Restrictions in using single use plastics has been implemented within the college campus.



PRINCIPAL
Rani Birla Girls' College
38, Shakespeare Sarani
Kolkata - 700 017

RANI BIRLA GIRLS' COLLEGE: ACTION TAKEN REPORT BASED ON POLICY DOCUMENT

- RAISING GREEN AWARENESS:
 - Regular awareness programs were conducted to raise awareness among the students and employees regarding the necessity of green coverage in the campus and beyond.
- GREEN AUDITING:
 - Green auditing was done for each year and accordingly recommendations were followed.
- ENERGY AUDITING:
 - Energy auditing was done for each year and accordingly recommendations were followed.
- VERMI-COMPOST:
 - One vermicompost pit was set up in a part of the college garden and was maintained by a skilled labour.



DR. SRABANTI BHATTACHARYA
PRINCIPAL

PRINCIPAL
Rani Birla Girls' College
38, Shakespeare Sarani
Kolkata - 700 017

**Promotion and
sustainability
activities
conducted
within the
campus**

The Institution has facilities and initiatives for Green Campus Initiative:

The concept of a green campus was implemented with IQAC and Nature Club members of the institution to promote environment-friendly practices. It helps in the construction of the environmental culture enabling the usage of sustainable solutions to environmental degradation and degeneration. The idea of the Green Campus Initiative opened a varied spectrum of thought regarding conservation.

- Sensitized the students and the staff to minimize the use of degrading products and use environment-friendly products and services.
- Initiated the importance of cleanliness.
- Created awareness about environmental issues by organizing Events, Rallies, Awareness Campaigns, Cleanliness Drives, Seminars, Workshops, presentations, Tree Plantation Drives, Wildlife Photography Competitions, Rangoli Competitions, Essay Competitions, Bird Watching Programs, Excursions, Study Tours, Guest Lectures, Talks, etc.
- The college had a Nature Club which took the initiative regarding green and clean campus through different programs.

Notice for Plantation Programme

RANI BIRLA GIRLS' COLLEGE

38, Shakespeare Sarani, Kolkata-17

Date: 08/08/2019

NOTICE
(NATURE CLUB)

All students and staff of Rani Birla Girls' College are requested to attend 'The Plantation ceremony under SUKANYA scheme, Government of West Bengal, on 09th August 2019, at 10 am in college ground.


Convenor

Nature Club Sub-Committee


Principal

MEMBERS :

1. Saikatika Arora
8.8.19:

mentho
09.8.19

Report on Plantation Programme

Plantation Programme has been organized by Nature Club, Rani Birla Girls' College under Sukanya Scheme, and Government of West Bengal on 09th August, 2019. In this programme Dr. Sunetra Sinha, Principal, Rani Birla Girls' College presented and delivered lecture on tree plantation. The Motive of the programme has focused on importance of tree and plantation of trees in our society. The human beings cannot exist without trees. So it is very important to plant trees by each student who are in this occasion and they have the responsibility to encourage other persons of the society to plant more trees. A set of 02 plants has provided to each student and faculties to plantation in college campus during this programme by Mr. Kanak Kumar Jana, Convenor, Nature Club.



Tree Plantation Programme

Attendance:

Sl. No.	Name (in Capital)	Semester	Department	Signature with Date
1	AYESHA FAROOQUE	IV	HISA	Ayesha Farooque
2	HUMA PARVEEN	IV	HISA	Huma Parveen
3	ZINAT ALI	IV	HISA	Zinat Ali
4	ALFIA AHMED	IV	HISA	Alfia Ahmed
5	SAFIA KARIM	IV	HISA	Safia Karim
6	Sneha Chakraborty	IV	HISA	Sneha Chakraborty
7	Insha Asghar	VI	PLSA	Insha Asghar
8	Tanzima Hashmi	VI	PLSA	Tanzima Hashmi
9	Shreya Roy	I	FAD	Shreya Roy
10	SAIDAN KHAN	IV	GEOA	Saidan Khan
11	Pinky Sharma	IV	HINA	Pinky Sharma
12	Purnima Sengupta	VI	HINA	P. Sengupta
13	Anushika Banerjee	VI	ENGA	Anushika Banerjee
14	Priya Maitra	I	B.F.AD	Priya Maitra
15	SNENA SANA	IV	GEOA	Snena Sana
16	PRITI MAJUMDAR	IV	GEOA	Pri
17	NILAVNA DAS	IV	GEOA	Nilavna Das
18	Nahid Akhtar	VI	CMEV	Nahid Akhtar
19	Zoya Alam	VI	ENGA	Zoya Alam
20	Nishita Biswas	VI	ENGA	Nishita Biswas
21	Nausheen Ali	VI	HISA	Nausheen Ali
22	Ifa Aiman	VI	HISA	Ifa Aiman
23	Anushika Sinister	VI	HISA	A.S
24	Sohini Bhattacharya	IV	GEOA	Sohini Bhattacharya
25	Anisha Ali	VI	BA.GEN	Anisha Ali

RANI BIRLA GIRLS' COLLEGE
38, SHAKESPEARE SARANI, KOLKATA-17

Sensitization Programme on Dengue Prevention

A Virtual Awareness Campaign

8th August, 2020

What is Dengue?

- Dengue fever is a mosquito borne tropical disease caused by the dengue virus. It is spread by several species of female mosquitoes of the *Aedes* type.
- Dengue has become a global problem since the Second World War and is common in more than 120 countries, mainly in Southeast Asia, South Asia and South America. About 390 million people are infected a year and approximately 40,000 die. The earliest descriptions of an outbreak dated 1779

Symptoms

Dengue can occasionally affect several body systems, in isolation or classic dengue symptoms

A Pregnant woman who develops dengue is at higher risk of miscarriage and premature birth

2020

- Sudden-onset high fever
- Headache
- Muscle and joint pains
- Skin Rash
- Vomiting

Typically, people infected with Dengue Virus are asymptomatic (80%) or have only mild symptoms such as an uncomplicated fever. Others have more severe illness (5%) and in a small proportion it is life threatening. The incubation period (time in a small proportion it is life threatening) ranges from 3 to 14 days, but most often it is 4 to 7 days.

- India observed National Dengue Day on 16th May, 2020, as suggested by the Union Health Ministry to create awareness about the disease.

online Awareness Campaign on 8th August, 2020

Rani Birla Girls' College
38, shakespeare Sarani Road, kolkata-700017

Campaign: Sensitization Programme on Prevention on Dengue

BY: Infrastructure Sub Committee, Rani Birla Girls' College



 033 2287-5509

 www.rbgc.in

online Awareness Campaign Celebrated by various Departments on 8th August 2020

DENGUE
What are the symptoms and how to prevent?

SYMPTOMS OF DENGUE
Symptoms can appear 3-14 days after being bitten by an infected mosquito.

SYMPTOMS OF DENGUE
Fever with sore throat

SYMPTOMS OF DENGUE
Headaches, chills, The sore eyes

SYMPTOMS OF DENGUE
Swollen and tender glands

PREVENTION OF DENGUE
Avoiding mosquito bites is the only way to prevent it.

PREVENTION OF DENGUE
Use a mosquito net, mosquito coils, mosquito repellents.

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SHARE

campaigned by : Infrastructure Sub Committee, Rani Birla Girls' College

সরকারী হাসপাতালে এখন ডেঙ্গু জ্বরের রোগনির্ণয় ও চিকিৎসার সুযোগ বিনামূল্যে

ডেঙ্গু একটি মারাত্মক জ্বর। এটির ইঙ্গিতসহ লক্ষণ একেবারে মশা এই জ্বরের কারণে। এই মশা সংক্রমণের মাধ্যমে কলেরা-শিউর।

ডেঙ্গু জ্বরের সাধারণ লক্ষণ

- অস্বাভাবিক জ্বর, মশা বাঘা
- জোরে পিন্ধে, শেঁচে ও খাঁটে ব্যথা
- থাবায়ে অকড়ি, খঁকিভাব, শেঁটে ভস্মা
- হৃদক-শিটে ও বামতে হাতের মতো দুশ্চুষ্টি
- নাড়, মূত্র বা মূত্রি থেকে রক্তকণা, সমস্যায়ে কম্পিটে

ডেঙ্গু জ্বরের চিকিৎসা

উপযুক্ত ব্যবস্থাগুলি দেখা দিলে, স্বয়ং ভরসাভাবি স্বাস্থ্য, সরকারী হাসপাতালে যোগাযোগ করুন। জ্বর বা ব্যথা অন্য অসুস্থতায় বা আঁতুড়েও থাকেন না। হাসপাতালে পৌঁছানোর পরেও ডেঙ্গু জ্বর ও ডেঙ্গুজ্বরের রক্ত পরীক্ষা করুন। রক্ত ও হস্তস্নানার্থীরা খাবা দেখি করে খান। মনে রাখবেন, অস্বাভাবিক ডেঙ্গু জ্বরের সনাক্তকরণে সরকারী চিকিৎসার সেবারে।

স্বী ভারের সাধারণ হুমকি

ডেঙ্গু-নাড়ক মশা পরিষ্কার করা মশা জমায়ে। তাই পরিষ্কার ও সেবারে পরিষ্কার করা থাকবে পর, যেসে রক্তা পুথো টায়া, মুলের টি, সিম ও ভায়েবে খোলা, পরিষ্কার-ব্যস্তির সে, শিশুর খুন্, অমসো অস্বাভাবিক পরে জল জমায়ে দেখেন না।

- জলের টায়া, টোকা, জো-জো-এর এবং ব্যস্তির অমসো জলপাতের জল সাত্তরে একদিন ব্যস্তি করে শুষ্কতা সিন এবং সর্বা প্রেক্ষাপু।
- ব্যস্তির জলপাতের পরিষ্কার সেরা সর্বা জমায়ে ও যোগাযোগ করুন।
- অমসো ব্যস্তির জলপাতের সেরা সর্বা অমসো-এর সেরা পরে ব্যা অমসো-এর জল জমায়ে দেখেন না।
- জিভিকি মসি পরিষ্কার করুন।
- ব্য জো সেরা সেরা করুন।
- হাতের শিশু-শিশি দিয়ে সেরা সেরা সর্বা সর্বা ব্যস্তির জমায়ে করুন।
- ডেঙ্গু-নাড়ক একেবারে জ্বরের সেরা সেরা সর্বা সর্বা মসি মসি জমায়ে করুন।

স্বাস্থ্য ও পরিষ্কার করণের সেরা সর্বা সর্বা সরকার

Campaigned by: Infrastructure sub Committee, Rani Birla Girls' College

2nd sem BFAD (SMR maam)
Saloni, +880 1796-472191, +91 6289 839...

Forwarded

TALK WITH THE DESIGN INFLUENCER HITEN NOONWAL
VIT FASHION INSTITUTE OF TECHN...
docs.google.com

Registration link
<https://bit.ly/2BCKewi> 09:55 ✓

Girls you all must join this webinar to have the experience of how to work with industry professional 09:56 ✓

TODAY

Forwarded

Sensitization Programme on Dengue Prevention
A Virtual Awareness Campaign
2020

18:27 ✓

18:27 ✓

18:27 ✓

18:27 ✓

Type a message

EDCA SEM 4 (NS Ma'a...
Afshan 1st Year Hons, Ayesha J...

Good evening students!
Forwarding a poster regarding Dengue Awareness and Prevention.
Please do go through it. 8:03 pm ✓

Forwarded

Sensitization Programme on Dengue Prevention
A Virtual Awareness Campaign
2020

8:03 pm

8:03 pm ✓

+5

8:13 pm

8:13 pm ✓

Do share to others as much as possible. 8:22 pm ✓

Musarrat RB
Okay ma'am 8:25 pm

Type a message

RANI BIRLA GIRLS' COLLEGE
38, SHAKESPEARE SARANI
KOLKATA - 17

142 | NOTICE | PRIN | 2023

DATE: 11.08.2023

NOTICE

Nature Club - 'Sabuj'

This is to inform that Nature Club is going to organise a 'Tree Plantation Drive' on 14th August, 2023 at 10.00 am in college premise.

All teaching and non-teaching staff members and students are cordially invited to this program.

S. Bhattacharya
PRINCIPAL

PRINCIPAL
RANI BIRLA GIRLS' COLLEGE
38, SHAKESPEARE SARANI
KOLKATA - 700017

Kanya Dutta
Hemalata Laul
Conveners

Nature Club - 'Sabuj'

Notice for Plantation Drive by Sabuj



Plantation Programme



Plantation Programme Drive

Report on Plantation Programme

Nature club, Rani Birla Girls' college organized "Tree Plantation Drive" on 14th August 2023. In this event many plants have been ploughed with a nearby nursery. The teachers and principal of the institution also took the initiative to be a part of this programme. The students from different departments enthusiastically participated in the entire program making the event successful.

Attendance:

Attendance for Plantation Programme Drive held on 14.08.2023

Sl. No.	Name (in Capital)	Semester	Department	Signature with Date
1	AYESHA FARDOQUE	IV	HISA	Ayesha Farooque
2	HUMA PARVEEN	IV	HISA	Huma Parveen
3	ZINAT ALI	IV	HISA	Z. Ali
4	ALFIA AHMED	IV	HISA	Alfia Ahmed
5	SAFIA KARIM	IV	HISA	Safia Karim
6	Sneha Chakraborty	IV	HISA	Sneha Chakraborty
7	Insha Asghar	VI	PLSA	Insha Asghar
8	Tanzima Hashmi	VI	PLSA	Tanzima Hashmi
9	Shreya Roy	I	FAD	Shreya Roy
10	SAIDAN KHAN	IV	GEOA	Saidan Khan
11	Pinky Sharma	IV	HISA	Pinky Sharma
12	Sumanya Sarwat	VI	HINA	S. Sarwat
13	Prushika Banerjee	VI	ENGA	Prushika Banerjee
14	Ruma Maitra	I	B.FAD	Ruma Maitra
15	SNEHA SANA	IV	GEOA	Sneha Sana
16	PRITI MAJUMDAR	IV	GEOA	P. Majumdar
17	NILAVNA DAS	IV	GEOA	N. Das
18	Nahid Akhtar	VI	CMEV	Nahid Akhtar
19	Zoya Alam	VI	ENGA	Zoya Alam
20	Nishita Biswas	VI	ENGA	Nishita Biswas
21	Nausheen Ali	VI	HISA	Nausheen Ali
22	Ifa Aiman	VI	HISA	Ifa Aiman
23	Anushikha Srivastava	VI	HISA	A.S
24	Sohini Bhattacharya	IV	GEOA	Sohini Bhattacharya
25	Anisha Ali	VI	BA.GEN	Anisha Ali

Certificate

OF APPRECIATION



EACH ONE PLANT ONE IS GRATEFUL TO

RANI BIRLA GIRLS COLLEGE

For planting 35 Saplings at 38, Shakespeare Sarani Road,
Kolkata- 700017

Your contribution is a part of the larger mission to
plant one tree for every person on this planet.

Vijay Agarwal

Ajay Mittal

Pankaj Maloo

Appreciation Certificate Received after Plantation Programme



PHONE : 2287-5509 / 2283-5797

RANI BIRLA GIRLS' COLLEGE

38, Shakespeare Sarani
Kolkata - 700 017

GOVT. AIDED NAAC ACCREDITED

Letter no. 308/Rin/1024

Dt: 06.01.2024

To,

Ms. Mousumi Das,

Assistant Professor,

Department of Botany,

Vivekananda College for Women's, Barisha

Madam,

This is with immense pleasure I thank you for your sincere effort in educating and enlightening us with the scientific names and the medicinal utilities of each trees planted in in our college campus under the joint program of 'Labelling of Trees and Plants in the College Campus' organized in Rani Birla Girls' College, Nature Club in collaboration with Vivekananda College For Women's for celebrating Students Week, 2024 on 6th January, 2024 from 12 noon to 3.00 pm.

This is our great honour and pleasure to have you within us.

Thanking you,

Warm Regards,

Principal
6/1/24

S. Bhattacharya

Dr. Srabanti Bhattacharya

Principal,

Rani Birla Girls' College

38, Shakespeare Sarani,

Kolkata - 17

PRINCIPAL
RANI BIRLA GIRLS' COLLEGE
38, SHAKESPEARE SARANI
KOLKATA - 700017

Acknowledgment Letter for Labelling of Trees and Plants on the College Campus



Tree Labelling Drive with Delegates



Identification of Trees



Tree Labelling Process

Report on Tree Labelling Programme

The Nature Club 'Sabuj' of Rani Birla Girls College in collaboration with Vivekananda College for Women, Barisha celebrated Students Week by identifying the scientific names of the trees and the plants that are rooted in our college campus and also got acquainted with the medicinal values of such trees and shrubs on 6th January 2024 from 12 noon onwards.

Eminent professors from Vivekananda College for Women contributed by making the students aware of several rare and exotic plants and trees and made the members environmentally conscious. Large assemblage of students and teachers' enthusiastic participation made the program successful.

Attendance:

Attendance on the day of tree-labelling programme on 06.01.2024

Sl. No.	Name (in Capital)	Semester	Department	Signature with Date
1	AYESHA FARDOQUE	IV	HISA	Ayesha Farouque
2	HUMA PARVEEN	IV	HISA	Huma Parveen
3	ZINAT ALI	IV	HISA	Zinat Ali
4	ALFIA AHMED	IV	HISA	Alfia Ahmed
5	SAFIA KARIM	IV	HISA	Safia Karim
6	Snaha Chakraborty	IV	HISA	Snaha Chakraborty
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8	Tanzima Hashmi	VI	PLSA	Tanzima Hashmi
9	Shreyas Roy	I	FAD	Shreyas Roy
10	SAIDAN KHAN	IV	GEOA	Saidan Khan
11	Pinky Sharma	IV	HINA	Pinky Sharma
12	Sumanya Samrat	VI	HINA	S. Samrat
13	Hrushika Banerjee	VI	ENGA	Jan 22/24
14	Ruma Mahtab	I	B.F.A.D	Ruma Mahtab
15	SNEHA SANA	IV	GEOA	Sneha Sana
16	PRITI MAJUMDAR	IV	GEOA	Pri
17	NILAVNA DAS	IV	GEOA	Nilavna Das
18	Nahid Akhtar	VI	CMEV	Nahid Akhtar
19	Zoya Alam	VI	ENGA	Zoya Alam
20	Nishita Biswas	VI	ENGA	Nishita Biswas
21	Nausheen Ali	VI	HISA	Nausheen Ali
22	Ifa Aeman	VI	HISA	Ifa Aeman
23	Anushika Sinister	VI	HISA	A.S
24	Sohini Bhattacharya	IV	GEOA	Sohini Bhattacharya
25	Anisha Ali	VI	BA.GEN	Anisha Ali

Flyer on "SAY NO TO PLASTIC" Drive



RANI BIRLA GIRLS' COLLEGE

A Govt-aided College

38, Shakespeare Sarani, Kolkata -17

Affiliated to the University of Calcutta, NAAC accredited

SOCIAL SERVICE SUB COMMITTEE

organises



A CLEANLINESS DRIVE TO RAISE AWARENESS ON THE HARMFUL EFFECTS OF PLASTIC AND MAKE THE CAMPUS "PLASTIC FREE"

On 10th February, 2024

At 10:30 am





Clean Campus Drive "No to Plastic"



Segregating Plastic Waste



Collection of Plastic Waste

Report on Say No To Plastic

The Social Service Sub-Committee of Rani Birla Girls' College organised a one-day Clean Campus Drive -**Say No To Plastic** on 10.02.2024. The programme was conducted by two teachers Ms Purna Banerjee and Mrs Akanksha Golcha, who are members of the said committee along with a few students of the college. The students from various departments participated in the programme enthusiastically and collected and piled unwanted plastic waste in biodegradable bags from the college campus to make the campus plastic free. The students used hand gloves to do this particular work and were also accompanied by the teachers in this task. This drive was taken to create awareness among the students and teachers and also to encourage students to keep the campus clean and plastic free.

The programme was successful under the guidance and encouragement of our Principal Madam, Dr Srabanti Bhattacharya and the convenors of the social service sub- committee, Mrs Kamalika Paul and Mrs Kalpana Biswas.

Attendance

Attendance of No Plastic Drive held on 10.02.2024

Sl. No.	Name (in Capital)	Semester	Department	Signature with Date
1	AYESHA FARDOQUE	IV	HISA	Ayesha Farooque
2	HUMA PARVEEN	IV	HISA	Huma Parveen
3	ZINAT ALI	IV	HISA	Z. Ali
4	ALFIA AHMED	IV	HISA	Alfia Ahmed
5	SAFIA KARIM	IV	HISA	Safia Karim
6	Sneha Chakraborty	IV	HISA	Sneha Chakraborty
7	Insha Asghar	VI	PLSA	Insha Asghar
8	Ranzima Hashmi	VI	PLSA	Ranzima Hashmi
9	Shreya Roy	I	FAD	Shreya Roy
10	SAIDAN KHAN	IV	GEQA	Saidan Khan
11	Rinky Sharma	IV	HINA	Rinky Sharma
12	Sumaya Samad	VI	HINA	S. Samad
13	Nishita Biswas	VI	ENGA	Nishita Biswas
14	Ruma Mahtab	I	B.FAD	Ruma Mahtab
15	SNEHA SANA	IV	GEQA	Sneha Sana
16	PRITI MATURDAS	IV	GEQA	P. Maturdas
17	NILAVNA DAS	IV	GEQA	N. Das
18	Nahid Akhtar	VI	CMEV	Nahid Akhtar
19	Zoya Alam	VI	ENGA	Zoya Alam
20	Nishita Biswas	VI	ENGA	Nishita Biswas
21	Nausheen Ali	VI	HISA	Nausheen Ali
22	Iqa Aiman	VI	HISA	Iqa Aiman
23	Anushika Sinha	VI	HISA	A.S.
24	Sohini Bhattacharya	IV	GEQA	Sohini Bhattacharya
25	Anisha Ali	VI	BA GEN	Anisha Ali

Flyer on celebration of World Environment Day

Rani Birla Girls' College

SABUJ, NATURE CLUB

celebrates

World Environment Day

5TH JUNE, 2023

Slogan Writing Competition

- Theme: 'Go Green, Go Clean'
- Venue - Room 102, Time : 11 am - 12 noon

Short Video Competition

Theme: ' My Planet, My Environment'

Details: Create reels/ short videos of 30-40 secs
& Submit by 4th June 2023 via link provided here:

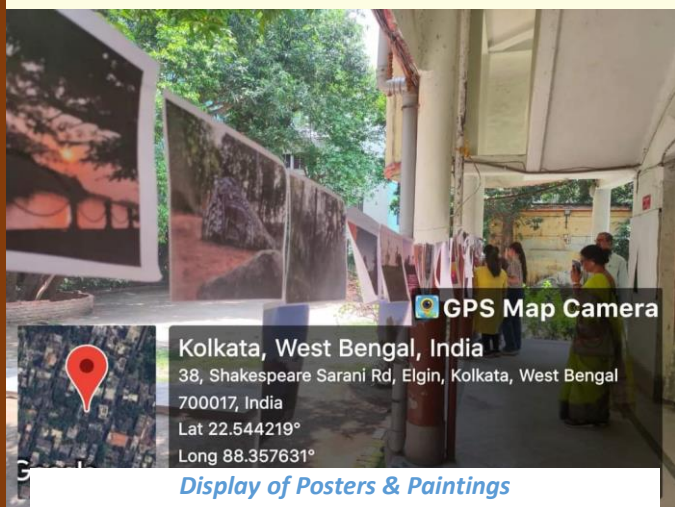
<https://forms.gle/JwTp5iJdFr2SHgAs6>

•Photography Competition

- Theme: ' World through my lens'
- Details: Submit in hard copy print out in A4 size by 4th June 2023 to Dept of Geog - KPL mam

CHEIF PATRON:
DR. SRABANTI BHATTACHARYA
PRINCIPAL

CONVENERS :
KAMALIKA PAUL 9432426304 DEPARTMENT OF GEOGRAPHY
DR. KEYA DUTTA 9830452107 DEPARTMENT OF HISTORY



Report on Celebration of World Environment Day.

Nature club, Rani Birla girls college celebrated World environment day on 5th June 2023 through different competition like slogan writing competition, photography competition and short video competition. The students from different departments enthusiastically participated in the entire program making the event successful.

Medicinal Plant Corner: An Initiative

The Medicinal Plant Corner initiative was launched as a collaborative effort between IQAC and Nature Club of Rani Birla Girls' College. The primary objective of the initiative was to create an educational and sustainable space on campus dedicated to growing medicinal plants for educational purposes and promoting student wellness.

- Establish a designated area on campus for growing medicinal plants.
- Provided students with hands-on learning opportunities related to plant care, herbalism, and natural remedies.
- Raised awareness about the medicinal properties and uses of common herbs and plants.
- Foster a sense of community and connection to nature among students, faculty, and staff.

Available Medicinal plants in the campus:

- Patharchatta
- Snake root (Indian)
- Aloe vera
- Curry leaves
- Mint
- Basil (Tulsi)
- Rosy Periwinkle (Nayantara)
- Green Chiretta (Kalmegh)
- Lemongrass
- Malabar nut (Basak pata plant)
- Neem
- Termaric
- Indian Pennywort (Thankuni)
- False daisy (Bhringaraj)
- Galangal



Medicinal Plant Corner

Vermi-composting: An Initiative of Rani Birla Girls' College

Vermi-composting is the scientific method of making compost by using earthworms. These earthworms consume organic matter and produce nutrient-rich castings through their digestive systems. The process involves adding nutrients to the soil, increasing its fertility and water-resistance, and allowing for an easy flow of water to growing plants.

Bio-fertilizers aid soil health and contribute to sustainable practices in horticulture and agriculture by promoting natural nutrient cycling and reducing the negative impact on ecosystems.

- They do not cause any type of pollution and protect the environment from pollutants, unlike chemical fertilizers.
- Traditional bulk fertilizers, although containing naturally found minerals such as phosphorus and nitrogen, may overload the soil ecosystem, leading to a chemical imbalance and toxicity.
- Bio-fertilizers reduce the risk of plant diseases. They also provide protection against drought and some soil-borne diseases.
- Bio-fertilizers add nutrients through the natural processes of nitrogen fixation, solubilising phosphorus, and stimulating plant growth through the synthesis of growth-promoting substances. This leads to improved nutrient uptake and overall plant growth in our college campus.
- Produced Bio-fertilizer has been used horticulture and medicinal plants in our college campus.

Committee Initiative taken in College

The efforts taken by the IQAC along with the faculty members of Rani Birla Girls' College, towards environment and sustainability is highly appreciated and commendable. This college has taken initiatives towards social responsibility in reclamation of soil quality by starting Bio-fertilizers production of vermi-composting is used in the premises. Thus our college campus supports sustainable development.

Required Materials

- Vermi Pit (Plastic 6 feet*4 feet * 2 Feet)
- Cow dung
- Dry straw and leaves, Vegetables waste
- Earthworms.
- Gunny bags.
- Soil
- Water
- Weed biomass

Process of Vermi-composting

1. Prepare the Pit and Bedding:

Add a layer of soil at the bottom of the plastic Pit. Create fine bedding by adding partially decomposed cow dung, dried leaves, and other biodegradable wastes collected from fields and kitchen. Distribute them evenly on the mud layer.

2. Add Layers of Bio-Waste and Cow Dung:

Continue adding both the chopped bio-waste and partially decomposed cow dung layer-wise into the tank up to a depth of 0.5-1.0 ft./layer.

3. Introduce Earthworms:

After dewatering, pile up cow dung on plastic pit ground and put earthworms into it. Ensure that the compost pile avoids direct sunlight. The earthworms will eat organic waste, digest it, and discharge vermi-composting.

4. Maintain Moisture and Temperature:

Ensure consistent temperature and moisture levels in the vermi-composting pit to retain the moisture content and keep the place cool for the worms to reside.

5. Turn the Compost Pile Regularly:

Regularly turn the compost pile to adjust conditions. When the temperature of the cow dung compost pile reaches 50-60 degrees Celsius, adjust as needed.

6. Allow the Compost to Mature:

After 45 days, the cow dung will decompose and transform into mature compost using various species of worms usually red wigglers, white worms, and other earthworms. This process, known as vermin-composting, involves the rearing of worms for the purpose of creating a mixture of decomposing vegetable or food waste, bedding Materials, and vermin-cast. Finally, around 5000 to 6000 new worms are introduced and the entire raw material is turned into the vermin-composting. Harvest the dark, crumbly vermi-composting by separating it from the remaining bedding and worms. Use the vermi-composting to enrich college garden soil or potted plants and medicinal plants.



Vermi Compost Pit

**Promotion and
sustainability
activities
conducted
beyond the
campus**

Several programmes have been conducted beyond the college campus to create awareness about causes of damage of environment and means and methods of conserving environment. The target has been and is to save the environment from different kinds of pollution and to preserve Nature. Following programmes were conducted in nearby areas of the city of Kolkata:

Programmes:

- Holi / Basanta Utsava with a message of "Holi is not for delicate trees and stray animals" and "Say No to Synthetic Colours" echoed at the end of the Basanta Utsav, on 22nd March 2024 by Cultural Sub-committee of Rani Birla Girls' College.
- A One Day Field Trip to Chandannagar for completion of People Biodiversity Register by Sem-II General Students for the Fulfilment of CBCS Curriculum by Department of Geography, Rani Birla Girls' College on 31st May, 2023.
- A One Day Field Trip to Botanical Garden, Shibpur, Howrah, for plant species diversity determination for the Fulfillment of CBCS Curriculum by Department of Geography, Rani Birla Girls' College on 20th May, 2022.
- Field Visit to Chintamani Kar Bird Sanctuary by Department of Geography, Rani Birla Girls' College on 19th May, 2023.
- Plastic free campaign at Mallik bazaar crossing organised by "Nature Club" on 5th June, 2023.

Holi / Basanta Utsava

Rani Birla Girls' College organised a celebration on account of the auspicious Basanta Utsav on 22nd March 2024 from 10 AM onwards in the college field. The great event began with a lamp lighting ceremony and a heart-warming speech delivered by the Principal Dr. Shrabanti Bhattacharya and Guest of honour Mrs. Sushmita Bhattacharya, Councillor, KMC Ward- 63, in the College Auditorium. At the beginning of the inaugural dance, the students continued their delightful performance which included, dance, singing, and recitation. The dress code of the Basanta Utsav programme was yellow and white traditional attires that enhanced the ambience of the welcoming spring season. A Short Procession was observed on the blossoming theme of Basanta Utsav.

The key highlight of the event was the short procession on the outside college campus in which students with various placards aimed to spread awareness about the importance and ardent need to play an eco-friendly organic Holi. Special emphasis was given on not applying colours to the trees and stray animals. Thus, the message of "Holi is not for delicate trees and stray animals" and "Say No to Synthetic Colours" echoed at the end of the Basanta Utsav.



Celebration of Basanta Utsav beyond the campus

RANI BIRLA GIRLS' COLLEGE
38, SHAKESPEARE SARANI, KOLKATA- 17

Date: 19-03-2024

NOTICE

This is to inform all concerned that Rani Birla Girls' College will celebrate 'Basanta Utsav', 2024 on 22nd March, 2024 from 10 A.M onwards. Requesting all staff and students to join the celebration of colours at the college grounds and further join our procession (*Basantaparikrama*) beyond the campus to promote awareness among local community on the following issues-

- Social Harmony
- Awareness about restriction of chemical and toxic colors in Holi / Dol
- Awareness about restriction on forceful use of colours on unwilling people and street dogs / cats

We request all staff and students to maintain a uniform colour code of yellow on that day.

Co-convenors

Swati Bhattacharya
K. Sunita
19/3/2024

Principal

S. Bhattacharya
Dr. Srabanti Bhattacharya

Notice for celebration of Basanta Utsav

**Visit
to
Chandannagar**

Event: A One Day Field Trip to Chandannagar for completion of Peoples Biodiversity Register by Sem-II General Students for the Fulfillment of CBCS Curriculum

Date: 31.05.2023

Department of Geography, Rani Birla Girls' College organized a One Day Field Trip to Chandannagar for the completion of Peoples' Biodiversity Register by Sem-II General students under the CBCS Curriculum. A total of 18 Students and Teachers of the Department visited Chandannagar, Hooghly District for the completion of Survey under the Peoples' Biodiversity Register. The Town of Chandannagar being located on the banks of Hooghly River possesses unique biodiversity of flora and fauna. As the area is also densely populated with residential and different administrative and commercial establishments, it gives a unique interaction between the local people and biodiversity found there.

Students with proper questionnaire subjected to capture the different facets of the local biodiversity as, species name and type, perception of local people about the biodiversity overall captured the needed view for the Peoples' Biodiversity Register. Throughout the day, all students meticulously documented observations by recoding, taking GPS coordinated photos of different plant species and habitats.

The field trip was a resounding success, yielding valuable data for the People's Biodiversity Register. The collaborative efforts of the Teachers and students contributed to a comprehensive understanding of the area's biodiversity. Moving forward, the data collected were analyzed, synthesized, and integrated into conservation strategies to safeguard our natural heritage for future generations.

Approved
S. Chattacharya
25/5/23

To,
The Principal,
Rani Birla Girls' College,
Kolkata - 700017.

Sub: Request for permission to organise and conduct a compulsory one-day field visit for students of 2nd Semester Geography (Gen) at Chandannagar Strand Road, Barabazar, Chandannagar.

Respected Ma'am,

This is to request you to kindly grant the permission to organise and conduct a compulsory one-day field visit for students of 2nd semester Geography (Gen) as a part completion of their B.A/B.Sc. degree as (People Biodiversity Register) (Gen) in Geography, under CBCS, at Chandannagar Strand Road, Barabazar, Chandannagar, under supervision of Ms. Kalpana Bhowar, Ms. Kamalika Paul, Mr. Dipmalya Karmakar, Mr. Sayan Datta on 31st May/23.

I will be highly grateful if you kindly grant the permission.
(Enclosed list of students)
Date: 25.05.23.

Thanking you,
Yours truly,
Sayan Datta.
SAC,
Department of Geography, Rani Birla Girls' College.

RANI BIRLA GIRLS' COLLEGE,
DEPARTMENT OF GEOGRAPHY,
SEMESTER - II GENERAL,
SESSION - 2022-2023,
LIST OF GIRLS.

SERIAL NO.	NAME OF GIRLS
1	NOOR FATIMA.
2	PASILA SAEMADI.
3	QAMAR TILAT.
4	KUSMUNA KHATOON.
5	ARIKA ALAM.
6	SANA BEGUM.
7	INSHA KHATOON.
8	RAHAF RAEZ.
9	DARAKSHA JAMIL.
10	SHAIKA PARVEEN
11	SABA KHATOON.
12	SABA PARVEEN.
13	ASLIYA FATIMA.
14	MEHNAZ PARVEEN.
15	SHAQUFTA REYAZ.
16	SHRISTI DAS.
17	SABREEN PARVEEN.
18	AYESHA AKHTAR.
19	DILNASHIN FIRIDSA.
20	SAHANAR KHATOON.
21	ALISA.



Students with teachers at Chandannagar for bio-diversity register.



Students with teachers at Chandannagar for bio-diversity register.

**Visit to
Botanical
Garden**

**Event: A One Day Field Trip to Botanical Garden,
Shibpur, Howrah, for plant species diversity
determination for the Fulfillment of CBCS Curriculum**

Date: 20.05.2022

Department of Geography, Rani Birla Girls' College organized a One Day Field Trip to Botanical Garden, Shibpur, Howrah, for plant species diversity determination by Sem-II General and Sem-IV Honours students under the CBCS Curriculum. A total of 19 Students and Teachers of the Department visited Botanical Garden, Shibpur, Howrah, for plant species diversity determination. The Botanical Garden being located on the banks of Hooghly River possesses unique biodiversity of flora and fauna. As the area is also densely populated with residential and different administrative and commercial establishments, it gives a unique interaction between the local people and biodiversity found there.

Students with proper questionnaire subjected to capture the different facets of the local biodiversity as, species name and type, perception of local people about the biodiversity overall captured the needed view for plant species diversity determination. Throughout the day, all students meticulously documented observations by recoding, taking GPS coordinated photos of different plant species and habitats.

The field trip was a resounding success, yielding valuable data for plant species diversity determination. The collaborative efforts of the Teachers and students contributed to a comprehensive understanding of the area's biodiversity. Moving forward, the data collected were analyzed, synthesized, and integrated into conservation strategies to safeguard our natural heritage for future generations.



Students at Botanical Garden

Department of geography
Rani Birla Girls' College, Kolkata

Date: 13.05.2022


NOTICE

The compulsory one day excursion for students of 2nd semester Geography (Gen) and 4th semester Geography (Hons) as a part completion of their B.A./B.Sc. degree in Geography (Gen / Hons), under CBGS, will be conducted at Acharya Jagadish Chandra Bose Indian Botanic Garden, Howrah under the supervision of Ms. Kalpana Biswas, Ms. Kamalka Paul and Mr. Soyan Dutta on 20.05.2022.

The guardian's consent is compulsory for the excursion. During the excursion, students should carryout proper conduct and should follow the instructions given by the supervising teachers and she must maintain discipline as well as punctuality throughout the excursion.

Guardians will take the responsibility for bringing the students on the specified venue and also to pick them up on 20.05.2022. The reporting time is 9.30 am at the main gate of Botanical Garden.

The duly signed and properly filled in consent form must be submitted to the concerned teachers of the department on 14.05.2020, without which the student will not be allowed to join the excursion.


 (Ms. KALPANA BISWAS)
 Head of the Department
 Department of Geography
 Rani Birla Girls' College

CONSENT FORM

I have read the above-mentioned instructions and agree to send my ward to Acharya Jagadish Chandra Bose Indian Botanic Garden, Howrah, for the compulsory excursion to be held on 20.05.2022.

Name of the Student Bidisha Roy

CU Roll No. 21303312-0001 Semester II

Guardian's Full Name Suchitpa Roy

Guardian's Contact Number 9875305830

I agree to drop and pick up my child at the said venue Yes

Guardian's Signature Suchitpa Roy

Students going to botanical garden
DEPARTMENT OF GEOGRAPHY
RANI BIRLA GIRLS' COLLEGE
Date: 20/05/2022

Sl. No.	NAME OF THE STUDENT
1	AFSANA KHATOON
2	ALWARA HUSSSAIN
3	AMNA KHATTON
4	ANJALI PANDIT
5	HAZRA IMTEYAZ
6	IRTEQUA ZEB
7	JANNAT
8	JAYEETA SANTRA
8	KANIZ FATMA
9	KASHFA HAQUE
10	MOURYA SREYA DEY
11	NAGMA ZAREEN
12	SABNAM FIRDAUS
13	SAGORIKA KHATOON
14	SAIMA PARVEEN
15	SHIFA NAAZ
16	SOUMI KHAMRUI
17	SULAGNA BASU
18	SUNETRA GHOSH
19	ZEENAT FIRDOUS

Notice and students' attendance for the event

**Field Visit to
Chintamani Kar
Bird Sanctuary**

Event: A One Day Field Trip to Chintamani Kar Bird Sanctuary, for the Fulfillment of CBCS Curriculum

Date: 19.05.2023

On the 19th of MAY 2023, the Department of Geography at Rani Birla Girls' College conducted a field visit to Chintamani Kar Bird Sanctuary. This trip was a required part of the Calcutta University curriculum for students in Semester IV who were studying plant species diversity. The visit was carefully supervised by Mrs. Kalpana Biswas (Head of Department) and Miss Kamalika Paul.

Plant Species Diversity is a kind of biodiversity and its measurement. Local diversity can be studied with various indices, such as species richness or the Shannon – Weiner Index.

During the field visit, it was observed that the most common plant species were Military Creep, Gaharu buayu, and Clerodendrum infortunatum. These plants were mainly concentrated in the western and central parts of the Sanctuary.

"In summary, it was an excellent learning experience!"

Dt: 18.05.2023

Approved
Sec. 18/5/23

To,
The Principal,
Rani Birla Girls' College,
Kolkata - 17.

Subject: Request for Permission to organise and conduct a compulsory one-day field visit for students of 4th Semester Geography (Hons) at Chintamani Kar Bird Sanctuary, Narendrapur.

Respected Madam,

This is to request you to kindly grant the permission to organise and conduct a compulsory one-day field visit for students of 4th Semester Geography (Hons) as a part completion of their B.A./B.Sc. degree in Geography (Hons), under CBCS, for determining 'Plant species diversity determination by matrix method' (GEO-A-CC-4-10-P – Soil and Biogeography Lab), under the supervision of Ms. Kalpana Biswas, Ms. Kamalika Paul on 19.05.2023 at Chintamani Kar Bird Sanctuary, Narendrapur.

The list of students of Semester IV (Hons) are attached herewith.

I will be highly grateful if you kindly grant the permission.

Thanking you,

Yours truly,
Kalpana Biswas
(Kalpana Biswas)
HoD,
Department of Geography,
Rani Birla Girls' College.

Encl: 1. List of students of Semester IV (Hons).

Rani Birla Girls' College
Department of Geography

List of Students of 4th Semester Geography (Hons)
One-Day Field Visit at Chintamani Kar Bird Sanctuary, Narendrapur
19.05.2023.

Sl. No.	Name	Designation
1	Ms. Kalpana Biswas	Assistant Professor (H.O.D)
2	Ms. Kamalika Paul	Assistant Professor
3	Mr. Sanjib Roy	Lab. Attendant
4	AISHWARYA ADHIKARY	Student
5	SHAZREEN ALI	Student
6	NISHA BAG	Student
7	DIPKALIKA DAS	Student
8	ANANYA DEY	Student
9	SWARNALI DEY	Student
10	MUBASHARA FIRDOUS	Student
11	SOUJITA GHOSH	Student
12	NAMRATA HALDER	Student
13	NAMRAH JAHAN	Student
14	SUFIYA JAMAL	Student
15	MAHENOOR KHATOON	Student
16	TAHIRIM NAAZ	Student
17	GULFISHAN NOOR	Student
18	ZAINAB PARVEEN	Student
19	SABRIN SHAABIR	Student
20	BISMAH SHAKIL	Student
21	NIDA SHAKIL	Student
22	FIZA TABASSUM	Student
23	APIYA YAMAN	Student

Kalpana Biswas
(Kalpana Biswas)
HoD,
Department of Geography,
Rani Birla Girls' College.

Notice and students' attendance for the event



Students with teachers at Chintamani Kar Bird Sanctuary



Students with teachers at Chintamani Kar Bird Sanctuary

**Plastic free
campaign at
Mallik bazaar
crossing**

"PLASTIC IS THE MOST DESTRUCTIVE WEAPON"

Rani Birla Girls' College has organized Poster campaigning against the use of plastics on 05.06.2023 for the following reasons:

- Plastics are non-biodegradable.
- Plastics pollute the environment.
- It harms human health as well as animals.
- It is not always possible to recycle them.
- There's better alternative way to minimize the use of plastics such as we can use paper bag or bag made with clothes as an alternative way to plastic bags.

Few posters were prepared in Bengali and in English. Then students were divided into few groups to execute the work accordingly.

Students in teams went for a special awareness campaign for minimizing the use of plastics in Mullick Bazaar Market. They explained the people about the disadvantages of plastics and suggested them some alternative ways such as the use of paper bag or bag made with clothes instead of plastic bags.

The shopkeepers were patient and they tried to understand objective of the campaign. They gave different opinions in this regard.

- The shopkeepers told that if they stop using plastics and start using the paper bags or cloth bag then it will be expensive for them. And the customers would not buy their product if it becomes expensive.
- They also told us that the Government should take some steps for minimizing the use of plastics.

So, the students concluded that the first and foremost requirement is to develop awareness among general population to achieve any success in this regard.



Students with teachers at campaigning against the use of plastics

*** END OF THE REPORT ***