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GREEN AUDIT REPORT

KISHORE BHARATI BHAGINI NIVEDITA COLLEGE,

BEHALA, KOLKATA – 700060

2021-2022



Prepared by:

KISHORE BHARATI BHAGINI NIVEDITA COLLEGE,

BEHALA, KOLKATA – 700060



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ACKNOWLEDGEMENT

Kishore BharatiBhaginiNivedita College has always been keen on maintaining a healthy environment in the college campus in order to facilitate the teaching learning process. Our Institution has taken initiatives to develop a sense of environmental sustainability responsibility among the staff and students alike. The Eco Club of the Institution regularly organises special lectures and seminars in order to develop a concern for the environment among the students. The NSS Unit oraganises various cleaning campaigns and awareness programmes in order to facilitate a clean campus environment.

I express my sincere thanks to all the Teaching and Non-Teaching staff for their continuous effort in achieving a clean campus environment. It is of great pride for me in mentioning our students for their contribution towards a clean and green college campus.

This green audit report is the outcome of the inputs from all the members of the College Environment Committee. Their untiring contribution has made this audit report accurate. This report of 2021-2022 is the first formal effort to document the results of our investigation and interpret the information of all the required parameters of the Green audit process. In the process of reporting the green audit the committee has gathered information on every parameter of the environment, compiled and analyzed the data to recognize the immediate and serious threats within the campus so that opportunities can be explored to bring about continuous improvement in our environmental performance. The College Environment Committee has tried to identify the environmental issues so as to monitor the environmental management practices to be adopted in future.

Principal Kishore Bharati Bhagini Nivedita College (Co-Ed.)

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College Environment Committee:

An internal green audit committee was formed in the Kishore BharatiBhaginiNivedita College under the chairmanship of the Principal. The committee comprises members from different faculties and non-teaching staff of the institution. Dr.ShibSankar Sana of our Institution heads the committee with the following members:

1. Dr.ShibSankar Sana, Principal	Chairperson
2. Dr.ArpitaSengupta Sadhu, Assistant Professor , Head	Convenor
of the Department, Physiology	
3. Dr.AnupriyaChatterjee, Assistant Professor, Head of	Member
the Department, Geography	
4. Mr.Mahananda Roy, Assistant Professor, Head of the	Member
Department, Chemistry	
5. Dr.Mausumi Roy, SACT -I, Department of Zoology.	Member
6. Ms.AninditaMitra, SACT -I, Department of English.	Member
7. Mr.Debasish Das, Head Clerk	Member
8. Mr. Raja Mukherjee, Typist	Member

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About the College:

Kishore BharatiBhaginiNivedita College (Co-Ed), previously known as Kishore BharatiBhaginiNivedita Girls' College was founded in the year 2001, with the objective of imparting quality education in conventional streams: Humanities, Science and Commerce and to continuously updating itself by introducing new types of subjects and teaching learning methods to keep pace with the change in higher education pattern. The college has progressed rapidly by proper utilisation of the available resources provided by the faculty members and non-teaching staff of the college under clean and transparent administration of the Governing Body and is relentlessly providing quality teaching to the students. The university examination results bear ample testimony to this academic success. The college is too young to have glorious annals to recount but a bright future for it is pledged to be created. The library has an adequate number of books, the laboratories are properly equipped, the class rooms are sufficiently furnished and various facilities are made available to the students. We pledge to provide a clean environment to the pupils and have a green campus in near future, imparting quality education in the undergraduate field of education.

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Objectives:

- 1. Identification and documentation of green practices followed.
- 2. Determination of strength and weakness in green practices.
- 3. Analyzing and suggesting solutions for problems identified.
- 4. Assessing facility of different types of waste management.
- 5. Increasing environmental awareness among the student community.
- 6. Motivating staff for optimized sustainable use of available resources.

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Scope of the green audit:

The broad aims/benefits of the eco-auditing system includes the following:

- Environmental education through systematic environmental management approach
- Improving environmental standards
- Benchmarking for environmental protection initiatives
- Sustainable use of natural resource in the campus.
- Financial savings through a reduction in resource use
- Curriculum enrichment through practical experience
- Development of ownership, personal and social responsibility for the College campus and its environment
- Enhancement of college profile
- Developing an environmental ethic and value systems in young people.

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Methodology:

In order to perform green audit, the methodology included different tools such as preparation of questionnaire, physical inspection of the campus, observation and review of the documentation, interviewing key persons and data analysis, measurements and recommendations. The study covered the following areas to summarize the present status of environment management in the campus:

- Water Management
- Energy Conservation
- Waste Management
- E-waste Management
- Green area Management

A water audit is an on-site survey and assessment to determine the water use and hence improving the efficiency of its use and method(s) of conservation. Water is used for drinking purpose, canteen, toilets, laboratory and gardening. Loss of water must be checked, neither by any leakages, nor by over flow of water from overhead tanks. The green audit practically involves use of renewable sources, conservation of the energy, efforts of carbon neutrality, plantation of trees, E-waste management and hazardous waste management.

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1. GENERAL AUDIT

- 1.1 Year of Establishment of college: 2001
- 1.2 History behind the establishment of the college: Kishore BharatiBhaginiNivedita College (Co-Ed), previously known as Kishore BharatiBhaginiNivedita Girls' College was founded in the year 2001, annexed to a school building by Mr.SubhashSarkar, our Patron.
- 1.3 Total campus area: ~6212 sq.ft.
- 1.4 Total built up area: ~19000 sq.ft.
- 1.5 Total open space area: ~1462 sq.ft.
- 1.6 Total green area: ~ 800 sq.ft.
- 1.7 Whether the college is implementing the Green Policy for the first time (mention date/month/year): Yes, Eco Club has been there since 12.12.2015. Annexure 1.7
- 1.8 Whether green audit is followed annually. If so, please produce the year-wise recommendations of the auditor along with report (as Annexure): No
- 1.9 Whether college has constituted the "College Environmental Committee":

(if so, give the details of it): Yes. Annexure 1.9.1

- 1.9.1 Name of the Committee members: Annexure 1.9.1
- 1.9.2 Number of meetings conducted so far: Twice per year. Annexure 1.9.2
- 1.9.3 Resolution of the meetings: Annexure 1.9.2
- 1.9.4 Action taken by the Committee: Annexure 1.9.2
- 1.9.5 Future programs of the Committee: Annexure 1.9.2
- 1.9.6 Policy enforcement strategies: Emphasis on alternate energy consumption, cleanliness of campus, alternate plantation measures.
- 1.10 Whether the college has conducted any awareness/responsibility programme among the staff members: Yes. Annexure 1.10
- 1.11 Whether all the departments/teachers/non-teaching members/students are aware about the need for environmental protection and audit: Yes.

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- 1.12 Whether college has involved the students as volunteers in greening programmes: Yes. Annexure 1.12
- 1.13 Whether construction/demolition/repairing are in compliance with green standard: Yes
- 1.14 Whether the college has conducted any workshop/seminar/lecture on environmental awareness programme inside and/or outside the campus: Yes (Annexure 1.16, 1.16 (a), 1.17.1
- 1.15Whether the institute has a department of Law/Environmental Science/3-Year degree Course/Course curriculum (if so, how does it takes part in greening programmes): No; but we do conduct compulsory Environmental Science courses for Semester 2 students of all streams as notified by UGC.
- 1.16 Whether the college provides any community services, if so, give details (as Annexure): Yes. Annexure 1.16

Whether the students are aware about the use of medicinal plants (any lecture/seminar/conference organized on it): Yes Annexure 1.16.2

- 1.17Comments on the following:
- 1. Plantation program: Yes. Van Mahotsav is celebrated every year. Annxerue 1.17.1
- 2. Formation of Natural club/Eco club: Yes
- 3. Management of natural resources, wildlife, conservation of species: Yes, through awareness programmes and seminars by Eco Club and department of Zoology. Annexure 1.17.3
- 4. Any project sponsored by national funding agency/NGO, independent project related to environmental issues: Yes 1.17.4
- 5. Is there any incidence of burning of plastics containing garbage within the campus for necessary reduction: No
- 6. Celebration of 5th June, Ozone day, Earth Day etc.: Yes Annexure 1.10
- 7. Number of field visits/survey records: Y / N (if Y number) : Y (4 per year)
- 8. Campus biodiversity register: Yes

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- 1.18 General aspects (express in statements)
- 1. Campus cleanliness: Yes. The Campus gets cleaned every morning appointing sweepers.
- 2. Rainwater harvesting: No
- 3. Solar street lamps: Under process
- 4. Carbon dioxide neutrality on the campus by developing greenery: Yes, Annexure 6
- 5. Man-made nest to attract some birds to maintain ecological balance: No
- 6. Restriction in use of plastic and plastic products: Yes. Annexure 1.18.6
- 7. Culture of some ducks, swans etc., for scenic beauty in pond or any water body resources (if available): N.A
- 8. Green monitoring by green committee/volunteers/team: Yes
- 9. Training on vermicomposting: No
- 10. Celebration of 'No vehicle Day' on a particular day: No.
- 11. Dams inside the campus to meet the demand for water: No
- 12. Installation of fire safety instruments in all the buildings/departments: Yes
- 13. Toilets/separate toilets for differently abled students: No.
- 14. Overall noise level

Ī	Sl no.	Inside campus area	Outside campus	Class room	Office	Laboratory	Canteen
		50-60DB	>65DB	40-50DB	35-40DB	40-50DB	60DB

15. Is there any device (preferably HVS: High Volume Sampler) for measuring ambient air quality in the campus (if so, please mention the data month wise): No

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2. WATER AUDIT

- 2.1 Whether the college has an efficient and hygienic water storage mechanism to minimize the loss of water during storage: Yes
- 2.2 Whether the college is using water filters with RO, Aqua Guard and/or large water filters with coolers at the strategic locations in the college. If so, are they under AMC: Yes
- 2.3 Whether college has its own mechanism in repairing of water leakage: Yes
- 2.4 Is there any rainwater harvesting unit in college: No
- 2.5 Whether college has developed any reusable and recyclable system for water: No
- 2.6 Is there any scope of measurement of water quality parameters used in hostel, lab, office, canteen, tap water (if so, parameters: pH, EC, TDS *etc.*) :No
- 2.7 Lab-wise water consumption (lt/d)

Chemistry: Approx. 10Lt

Zoology: Approx. 10Lt

Botany: Not Applicable

Physiology: Approx. 10Lt

Geography: Approx. 5Lt

2.8 Whether college has sufficient/adequate drainage system: Yes

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3. ENERGY AUDIT:

- 3.1 Reduction of energy consumptions, especially fossil fuel energy
- 3.1.1 Total electric consumption :12592 KWh (Annexure: 3.1.1)
- 3.1.2 Average electrical consumption in a month: 1049 KWh
- 3.1.3 Total No. of (refer Annexure 3.1.3)
- i) LED: LED TUBE + LED Bulbs = 146
- ii) CFL: 3
- iii) Tube lights (40W): 32
- iv) Incandescent lamps: 0
- v) Fans: 134
- vi) Air conditioners/Air Coolers: 0
- 3.1.4 Whether college has any provision/choice of renewable and carbon-neutral electricity options: **No**
- 3.1.5 Whether college has planned to install solar panels: (if so, Project installed/working: Date/Month/Year): under consideration.
- 3.1.6 Whether college has efficient water heating system: **No**
- 3.1.7 Whether the staff members of all sectors are concerned in turning off electrical appliances when not in use in both commercial and residential area: Yes.
- 3.1.7 Is there any monitoring system like put off the main switch where there is no need of electricity? Yes. Daily manual inspection and CCTV surveillance
- 3.1.8 Whether the users follow the appropriate and measurable targets for a reduction of energy, such as, computer, printers, electrical equipment when not in use: YES
- 3.1.9 Is there any options for equipment's running on standby mode: YES
- 3.1.10 Whether college has taken initiative to purchase efficient and environmentally sound appliances in order to fulfill the green budget: YES
- 3.1.11 Whether college has its own mechanism in repairing of electrical fault: NO
- 3.1.12 Whether the class rooms are with sufficient illumination in day time and ventilation: YES
- 3.1.12.a. Number of lights & fans in class room (average): Light: 3, Fan: 2
- 3.1.12.b. Use of light & fans in the day time (average hours): 8 hrs.
- 3.1.12.c. Number of windows per class (average): 4

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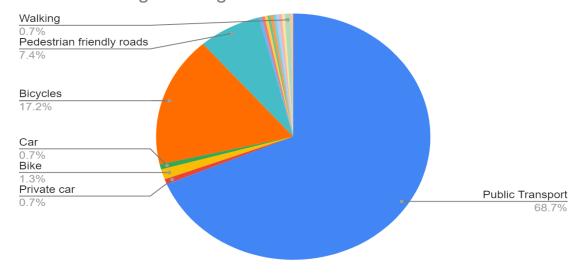
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- 3.1.12.d. Natural light source in day time (in hours) (average per class): 1-3hr
- 3.1.13 How many (%) e-notice generated by the college for academic/administrative purposes in a month: 90%
- 3.1.14 How many (%) paper-notice generated by the college for academic/administrative purposes in a month: 5
- 3.1.15 Total number of computer, printer, Laptop,Xerox machine:Computer: 9;Laptop : 1 Printer: 3.
- 3.1.16 Whether college has organized lectures on energy conservation in order to give awareness to the students: YES
- 3.2 Energy conservation strategies
- 3.2.1 Whether the architectural design for college is based upon use of natural lighting & ventilation, to save extra power for bulbs and fans: NO
- 3.2.2 Whether florescent bulbs are replaced with CFL bulbs/LEDs: Incandescent bulbs have been removed 100%.
- 3.3Minimize the use of unsustainable transport
- 3.3.1 What are the available/maximum transport facilities used by the staff members/students etc.: Most people 68.7% population uses public transport (205 out of 298)

Count of Which mode of transportation do you use or prefer when travelling to college?



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4. WASTE AUDIT



- 4.1 Maximization of waste-processing & minimization of non-renewable refuse
- 4.1.1 Is there any method of segregation of waste materials? YES, bins are separated
- 4.1.2 Total amount of solid waste generated in the campus (including tree droppings & Lawn wastes) Total number of staff Per capita production per day: 0.5 Kg (Average)
- 4.1.3 Whether the college arranges any workshop/seminar/conference for the awareness of the students/staff for specific arrangements for recyclable wastes: Yes.
- 4.1.4 Whether the college follows specific disposal method for solid or liquid waste: YES,
- 4.1.5 Whether the recycling/collection facilities are provided by the city Municipality and/or private suppliers (including glass, white plastic bottle, printer cartridges, cardboard, furniture, plastics, thermocol, waste papers, electrical goods & alliances, electronic gadgets, instruments, equipment, packing materials): YES,
- 4.1.6 Whether the college has any composting ground/vat or any collection unit *etc*.: No (if yes, what is the percentage of waste undergone composting and the final use of the products)
- 4.1.7 Is there any mechanism of treatment/uses of domestic influent in the college campus (if so, what is the capacity of treatment plant/composting *etc.*): Not Applicable
- 4.1.8 Minimize use of chemical pollutants:
- 4.1.9 Records of dustbins/collection bins inside the campus: 7

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4.1.9 Whether the cleaning products used by the college staff are ecofriendly and under the COSHH (Control of Substances Hazard to Health) regulations: Yes

Whether the college is using fertilizers, pesticides for any purposes, if so, amount used per month and places of uses: As and when required for gardening.

4.1.10. Use of public transport: Yes

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5. E-WASTE AUDIT

- 5.1 Quantity of e-waste generated: NIL
- 5.2 Number of cartridge used month-wise: 2 cartridges
- 5.3 Number of cartridge disposed in a year (average): N.A Reused by Refilling
- 5.4 Number of times refilling & reusing method of disposal of e-waste (if any): Once a year
- 5.5 Whether college has conducted any awareness programme on e-waste management: No
- 5.6 Is there any means of disposal of unused computers, printers and electronic wastes through authorized agents: No
- 5.7 Disposal methods: N.A

N.B

It may be noted here that there is no considerable e-waste generated in the campus. The cartridges are generally refilled and reused. Being a considerably new institution, still at its early developing stage, the institution produces no e-waste.

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6. GREEN AREA MANAGEMENT

- 6.1 Is there any garden in the college campus/outside the campus under college custody: Yes
- 6.2 Whether the garden is watered by using drip/sprinkler irrigation system: No
- 6.3 Is there any mechanism of review of periodical monitoring of tree species: Yes
- 6.4 Whether the college has conducted any programme for plantation of some fruit trees which can attract birds, bees *etc*. N.A
- 6.5 Biodiversity mapping: N.A
- 6.6 Records of Plantation programmes: Refer to Annexure 6

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List of Annexures:

- Annx. 1.7 Formation of Eco club committee
- Annx. 1.9.1 College Environment committee formation with names of committee members
- Annx. 1.9.2 Meetings of environment committee showing details which includes, meeting agenda, meeting minutes, programs conducted and future planning.
- Annx. 1.10 Awareness Programmes Photographs
- Annx. 1.12 Student volunteer list and participation
- Annx 1.16 Community service list
- Annx. 1.16.2 Documents on Programme conducted on medicinal plants
- Annx. 1.17.1 Celebration of Van Mahotsav
- Annx. 1.17.3 Participation in Green Programme
- Annx. 1.17.4 Projects
- Annx 1.17.18 List of plants in the campus
- Annx. 1.18.6 Plastic free notice
- Annx. 3.1.1 Electric energy consumption details
- Annx. 3.1.3 List of electrical fittings
- Annx. 6 Photographs of green area maintained by college

Annexure 1.7

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Ref. No.Proceedings of the Governing Body meeting held on 12/12/2015.

The President takes the chair and the meeting begins.

01. The proceedings of Governing Body meeting held on 24/11/2015 are read and confirmed.

02. In consideration of the follow up action of the decision of the Governing Body meeting held on 24/11/15, it has come to the knowledge of the house that the decisions already taken in the meeting has been complied with.

03. "Resolved that Current Account No. 32335208984 entitled Kishore Bharati Bhagini Nivedita College (Co-Ed) lying on State Bank of India, Behala Br., will be operated Jointly by (1) Smt. Sutapa Mukhopadhyay (Teacher-in-Charge) and (2) Sri Avijit Mukherjee (President) or Sri Sujoy Ghosh".

"Resolved that Current Account No. 1061050005845 and SB A/C No. 1061010138061 entitled Kishore Bharati Bhagini Nivedita College (Co-Ed) lying on United Bank of India, Unique Park Br., will be operated Jointly by (1) Smt. Sutapa Mukhopadhyay (Teacher-in-Charge) and (2) Sri Avijit Mukherjee (President) or Sri Sujoy Ghosh".

"Resolved that SB A/C No. 8567101000356 and 8567101000594 entitled Kishore Bharati Bhagini Nivedita College (Co-Ed) lying on Canara Bank, Behala Br., will be operated Jointly by (1) Smt. Sutapa Mukhopadhyay (Teacher-in-Charge) and (2) Sri Avijit Mukherjee (President) or Sri Sujoy Ghosh".

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Ref. No.

- 04. Resolved that Dr Ranjini Basu Asst. Prof. in the department of Philosophy be appointed as the Bursar of the College.
- 05. a) Resolved that the Finance Committee consisting of the following members is to be formed.
 - i) Smt. Sutapa Mukhopadhyay (Teacher-in-Charge)
 - ii) Sri Sekhar Kanti Chatterjee (G.B. member)
 - iii) Ranjing Basu (Bursar)
 - iv) Sri Rajesh Das (Teachers' Representative)
 - v) Sri Mahananda Roy (Teachers' Representative)
 - vi) Sri Debasish Das (Non Teaching Representative)
 - b) Resolved that the following sub committees consisting of the following members is to be formed.

B. Academic Sub-Committee:

- 1. Sutapa Mukhopadhyay (Chairperson)
- 3. Sudakshina Ghosh
- 5. Rajesh Das
- 7. Piyalee Dash Sharma
- 9. Arpita Sengupta Sadhu
- 11. Prabir Sardar

C. Library Sub-Committee:

- 1. Sutapa Mukhopadhyay (Chairperson)
- 3. Sudakshina Ghosh
- 5. Siddhartha Biswas
- 7. Shipra Ghosh
- 9. Mahananda Roy

- 2. Joyita Mitra (Convener)
- 4. Ranjini Basu
- 6. Mahananda Roy
- 8. Sweety Sadhukhan
- 10. Nilanjana Sen
- 12. Basudev Banerjee
- 2. Ranjini Basu (Convener)
- 4. Sweety Sadhukhan
- 6. Joyita Mitra
- 8. Rajesh Das
- 10. Partha Sarathi Sarkar

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Ref. No.

Date 12-12-2015

G. Prospectus Sub-Committee:

- 1. Sutapa Mukhopadhyay (Chairperson)
- 3. Nilanjana Sen
- 5. Sudhakshina Ghosh
- 7. Debaditya Bhattacharya

H. Purchase Sub-Committee:

- 1. Sutapa Mukhopadhyay (Chairperson)
- 3. Rajesh Das
- 5. Sweety Sadhukhan
- 7. Debasish Das

I. Eco - Club:

- 1. Sutapa Mukhopadhyay (Chairperson)
- 3. Rajesh Das
- 5. Nilanjana Sen
- 7. Debaditya Bhattachariya

J. Disciplinary Sub-Committee:

- 1. Sutapa Mukhopadhyay (Chairperson)
- 3. Shipra Ghosh
- 5. Rajesh Das
- 7. Joyita Mitra

- 2. Ranjini Basu (Convener)
- 4. Shipra Ghosh
- 6. Anupriya Chatterjee
- 8. Raja Mukherjee
- 2. Ranjini Basu (Convener)
- 4. Mahananda Roy
- 6. Anupriya Chatterjee
- 2. Anupriya Chatterjee (Convener)
- 4. Mahananda Roy
- 6. Arpita Sengupta Sadhu
- 8. Shyam Dhanuk
- 2. Nilanjana Sen (Convener)
- 4. Ranjini Basu
- 6. Piyalee Dash Sharma
- 8. Shambhu Nath Chakraborty

ANNEXURE 1.9.1

KISHORE BHARATI

BHAGINI NIVEDITA COLLEGE (Co-Ed.)

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Different Sub-Committees of our College were formed in the Teachers' Council Meeting held on 20.11.2019

Chair Person of all Committees: Dr. Shib Sankar Sana

- 1. Academic Sub-Committee: Joyita Mitra(Convener), Sudakshina Ghosta Sutapa Mukhopadhyay, Ranjini Basu, Rajesh Das, Mahananda Roy, Piyalee Dash Sharma, Nilanjana Sen, Sweety Sadhukhan, Arpita Sengupta Sadhu Rudra Prasad Das, Debasish Das, and Raja Mukherjee.
- 2. Library Sub-Committee: Pallabi Sarkar(Convener), Sudakshina Ghosh Sutapa Mukhopadhyay, Ranjini Basu, Joyita Mitra, Rajesh Das, Mahanan Roy, Piyalee Dash Sharma, Nilanjana Sen, Sweety Sadhukhan, Arpita Sengupta Sadhu, Rudra Prasad Das and Partha Sarathi Sarkar.
- 3. Cultural Sub-Committee: Sutapa Mukhopadhyay(Convener), Piyalee Dash Sharma(Convener), Arpita Sengupta Sadhu, Sweety Sadhukhan, Shipra Ghosh, Anupriya Chatterjee, Pallabi Sarkar, Rajesh Das, Namramita Bhuiya Debasish Das and Kajol Sardar.
- 4. Admission Sub-Committee: Mahananda Roy(Convener), Joyita Mitra Sudakshina Ghosh, Sutapa Mukhopadhyay, Ranjini Basu, Rajesh Das, Piyalee Dash Sharma, Nilanjana Sen, Sweety Sadhukhan, Arpita Sengupta Sadhu, Rudra Prasad Das, Debasish Das, and Raja Mukherjee.

Kishore Bharati Bhagini Nivedita College (Co-Ed.) Secretary, Teacher's Council Kishore Bharati Bhagini Nivedita College (Co-Ed)

BHAGINI NIVEDITA COLLEGE (Co.-Ed.)

ESTD. 2001

148, RAMKRISHNA SARANI, VIVEKANANDA PALLY, BEHALA, KOLKATA - 700 060, PH. : 2404 3206

E-mail ID: kbbncollege@gmail.com Website: kbbnc.ac.in



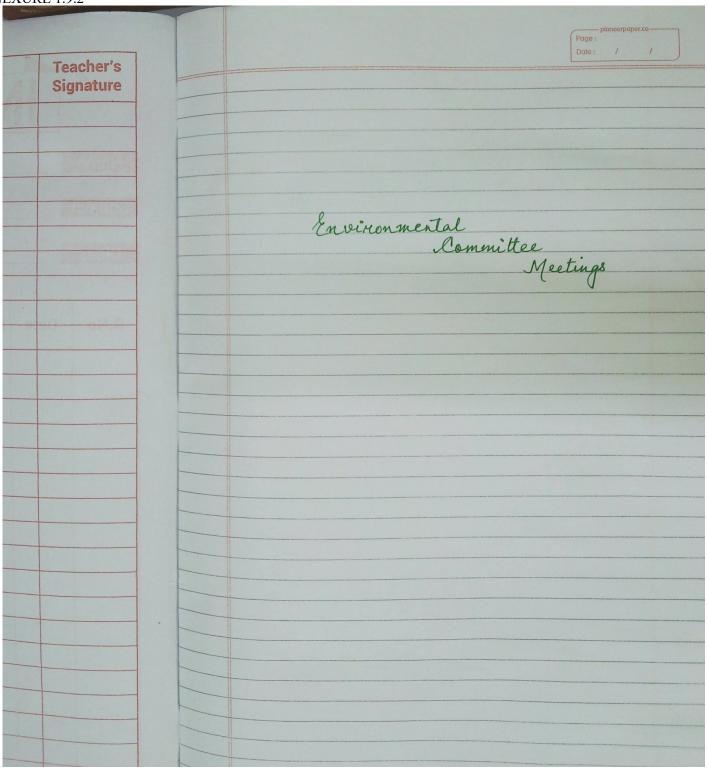
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Date

- 30. **Staff Welfare Sub-Committee:** Sudakshina Ghosh (Convener). Sutapa Mukhopadhyay, Ranjini Basu, Rajesh Das, Shipra Ghosh and Piyalee dash Sharma.
- 31. **Building Committee**: Siddhartha Biswas (Convener), Sutapa Mukhopadhyay, Rajesh Das, Mahananda Roy, Arpita Sengupta Sadhu, Dipak Karmakar and Prabir Sardar.
- 32. **NSS Committee:** Arpita Sengupta Sadhu (Program officer), Sutapa Mukhopadhyay, Joyita Mitra, Shipra Ghosh, Mahananda Roy, Piyalee Dash Sharma, Wangchuk Dukpa, Dipak Karmakar, Bapi Das, Prakash Mistri, Mehebub Alam, Samir Kumar Das Ghosh, Prabir Sardar,
- 33. **Website Maintenance Sub-Committee:** Mahananda Roy (Convener), Rajesh Das, Dipak Karmakar, Rudra Prasad Das, Anupriya Chatterjee, Raja Mukherjee and Prabir Sardar,
- 34. **Equal Opportunity Cell:** Nilanjana Sen (Convener), Sutapa Mukhopadhyay, Shipra Ghosh, Piyalee Dash Sharma, Wangchuk Dukpa, Dipak Karmakar, Mehebub Alam and Kajol Sardar.
- 35. **Exam Data Entry Cell:** Joyita Mitra (Convener), Mahananda Roy, Arpita Sengupta Sadhu, Piyalee Dash Sharma, Sweety Sadhukhan, Prakash Mistri, Wangchuk Dukpa, Dipak Karmakar, Mehebub Alam and Rudra Prasad Das.
- 36. **Students' Welfare Sub-Committee:** Rajesh Das (Convener), Sutapa Mukhopadhyay, Mahananda Roy, Mehebub Alam, Pallabi Sarkar, Dipak Karmakar and General Secretary (Ex-Officio).
- 37. **Routine Committee:** Joyita Mitra (Convener), Sudakshina Ghosh, Sutapa Mukhopadhyay, Ranjini Basu, Rajesh Das, Mahananda Roy and Dipak Karmakar.
- 38. **College Environment Committee:** Arpita Sengupta Sadhu (Convener), Anupriya Chatterjee, Mahananda Roy, Mousumi Roy, Anindita Mitra, Debasish Das and Raja Mukherjee

MAN

Principal Kishore Bharati Bhagini Nivedita College (Co-Ed.) ANNEXURE 1.9.2



EXURE 1.9	9 .2
	Page: Date: / /
	Members; 1. Dr. Shib Sanhar Sana, (Chairperson)
	1. Dr. Shib Sanhar Sana, (Chaîrpeison) 2. Dr. Arfila Sengapla Sadhu, (Convenor) 3. Dr. Anupriya Chatterijie. 4. Mr. Mahananda Roy. 5. Dr. Mousumi Roy.
	6. Mr. Aníndila Milia. 1. Mr. Debasish Das. 8. Mr. Roja Mukherjie.

KISHORE BHARATI BHAGINI NIVEDITA COLLEGE (Co.-Ed.) ESTD. 2001 148, RAMKRISHNA SARANI, VIVEKANANDA PALLY,

ESTD. 2001

148, RAMKRISHNA SARANI, VIVEKANANDA PALLY,
BEHALA, KOLKATA - 700 060, PH.: 2404 3206
E-mail ID. kbbncollege@gmail.com
Website kbbnc.ac.in



Ref. No....

Date 10 2 12020

NOTICE

This is hereby notified that a COLLEGE ENVIRONMENT COMMITTEE has been formed and approved by the Governing Body of the college in the meeting held on 20.11.2019.

The members are hereby informed that a meeting of the said committee will be held on 17.02. 2020, at the Principal's chamber at 2:00 p.m.

Convener

College Environment Committee Kishore Bharati Bhagini

Nivedita College (Co-Ed.)

Agenda:

- 1. Discuss about the functions of the committee
- 2. To frame guidelines for the functioning of the committee.

Copy to Members:

Dr. Anupriya Chatterjee

Mr. Mahananda Roy

Dr. Mousumi Roy

Ms. Anindita Mitra

The semidite is

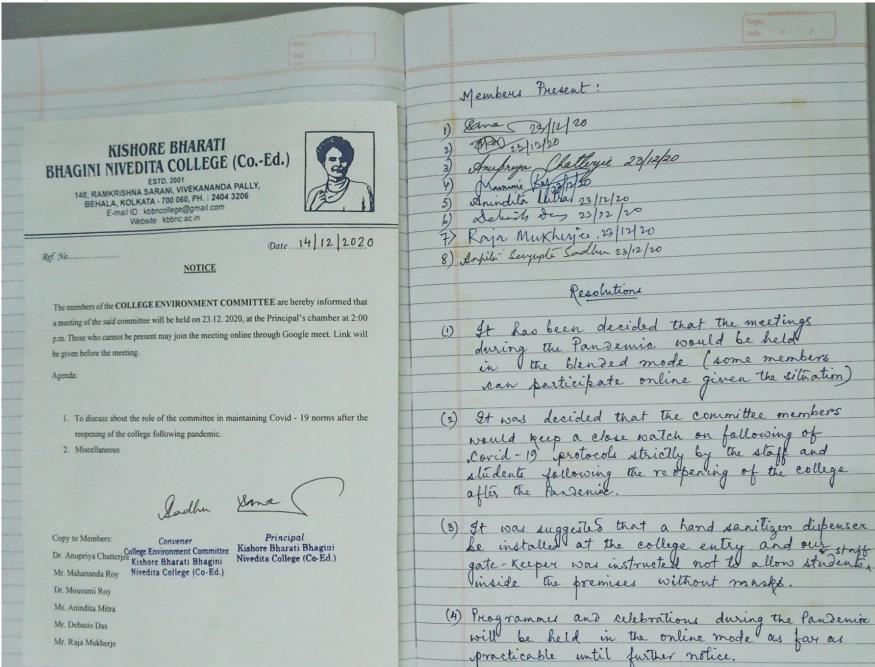
Mr. Debasis Das

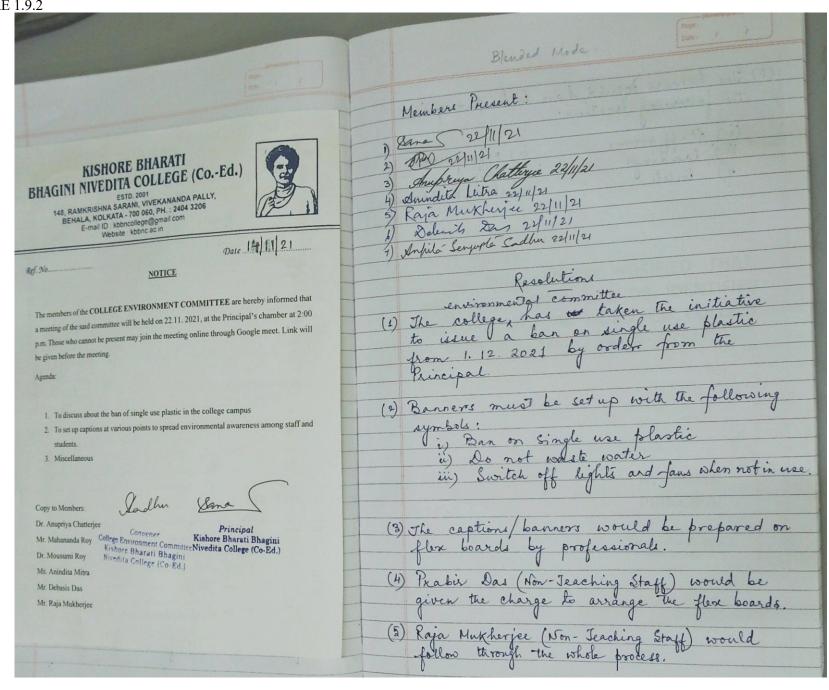
Mr. Raja Mukherjee

8ana (

Principal Kishore Bharati Bhagini Nivedita College (Co-Ed.)

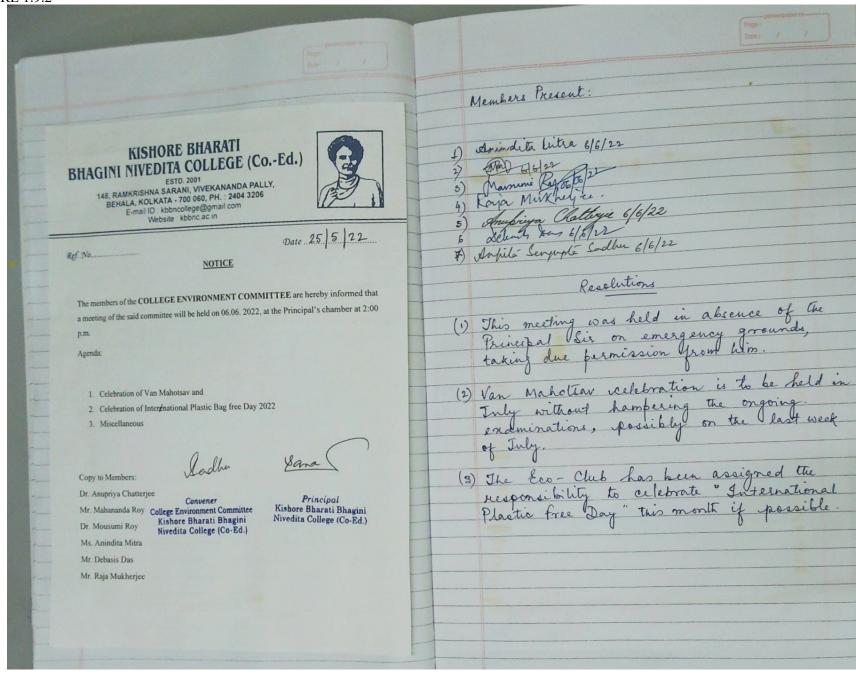
	Date / /
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	Vembers Thesent:
	Colder speed of residence and they
1)	Sane 17/2/20
2)	Box et o 100
3)	Anubrina Chathrie 17/2/2020
4)	Members Present: Sano 17/2/20 Box, of 9/08 Christinga Clathrie 17/2/2020 Schent Des 17/2/2020
5	Raja Mukhenjee 17/2/20
6)	Arhiber Congret Cadher 19/2/2020
	Drfile Genguple Sadbu 17/2/2020
	7 375084376
	Resolutions .
	which a buesay walupan a sich
	The necessity of formation of this committee
	The necessity of formation of this committee was discussed by the Arincipal, stating that
(1)	This committee was formed to be constantly
	vigilant on the environment of the collins
	vigilant on the environment of the college
	in addition to beauty, water management
	all stokeholder
	The state of the s
(2)	in addition to promoting awareness among all stockholders. This committee would work in a sind to
	with the Eco-club of the college to promote
	such as environment day, mountain day,
	water day etc. nountain day
(3)	The above broken
	Eco- Club consolid was discussed with the
	The above proposal was discussed with the Eco-club convenor Dr. Anupriya Chatteriee, also a member of this committee and it
	agreed that the committee and it was
	also a member of this committee and it was agreed that the events/programmes will be jointly organised as far as possible
	organised as far as possible
1.0	,





Principal
Kishore Bharati Bhagini

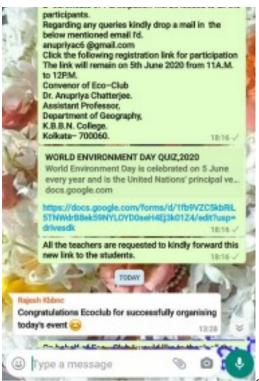
Paramy process Augus Conj. / /	Pope: Odes / /
KISHORE BHARATI BHAGINI NIVEDITA COLLEGE (CoEd.) 148, RAMKRISHNA SARANI, 201 660, PH. 2404 3206 BEHALA, KOLKATA - 700 1660, PH. 2404 3206 BEHALA, KOLKATA	Members Present: 1) Some Off 03 22 2) Marini Port 1082 Sadha #3 22 3) Antita Section #3 22 4) Animalia litia #13 22 5) Anedrya Clatteries #13 22 5) Region Murkhey a #13 22 8) Delenh In #13 22 8) Delenh In #13 22 8) Delenh In #13 22 10 He has been resolved that brater I would be celebrated on 22 nd March would be celebrated on 22 nd March the Eas Club in collaboration with the Observation with the Observation with the Observation with the Department of Geography Will be intimated about of Geography Will be intimated about programme by the los Club Convenor. (2) The flex boards need to be fixed as some as pessible. (3) Flocus should be on the celebration of even offline as official alasses have resumed a the fandemic.



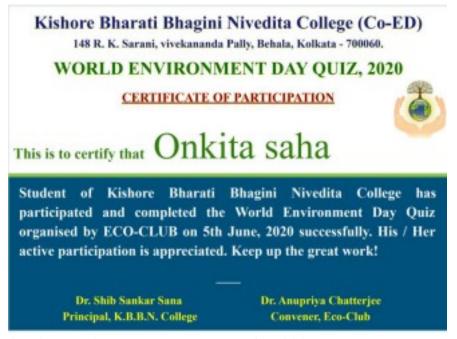
ECO CLUB AWARENESS PROGRAM





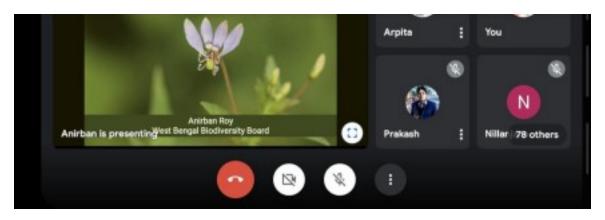


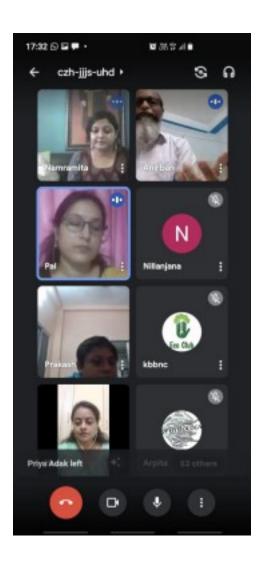
SAMPLE CERTIFICATE:

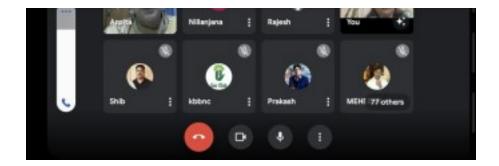


SPECIAL LECTURE BY ANIRBAN ROY, 2021

Annexure 1.10







11/07/ 2023 SEMINAR









A general meeting of NSS is being held loday, 19th August at 1:00 p.m in the Itall-I of KBBNC. The following members are present **ANNEXURE 1.12** SBimis 19/8/19. Shipmakoh 19,08.12 Frakash Mistri- 19.08.19 Mes Anufraya Chatterjee 19/8/19. Sutapa muchala ahyay 19 18 19 Loyata Olitics 19 8 19; Route Olitica. Relative o Pallabi Sankar 19/8/19 Namnamita Bhuiya 19/8/19. 12. 472 3mm 200 3 2 1/25 13. Payer Mulherique 19/8/19 14. Nandini foy 19.8.19. 15. Kinssur Galy 19.8.19 16. Sharmister Scharyge 10.8.19 17. Pouseli Das. 19.8.19. Conjuly 2 17.8.19 19. Sweety Sadhubhan. 19/8/19 Pratima Sprom 19.8.19 Sikha Marjumders (Mika) 19.8.19 Sayonneel Mandal 19/8/19 Mounini Pay 19/08/19 23. 24. R.

54) dikhita khaton 55) Pranati Sandar 56) Bull Majamdaz 26. Biswarath Das 27. Riga sorkar 37) Neha Brigis 28. Thumpa Das 58) Aparra Parda. 29. Janmila Das sy soumotit kundu 30. Rushali Santea 31. Santu polley 32. AVISHEK KARMAKAR 60) Derfun Jan, Das 61) Vishal PrazadCH? 33. Susmita Pal 62> Riya Maity 34. Sangita Ghosh 35. Pallabi Mandal 63> Rahul Beria 6 2 Avigit Heldar 65) Sumon Chakmaborty 66) Biswapit Mondal 67) Sanjay Halder. 36. Lubane Mondal 37. Dipankaro mandal 38. Suchata Mondal 39. Sirat Mondal 60) Souvile chatterin 69) Duf Dutto 40. Neha Mallick. 41. Mirupama Halden 70) swate singh 42. Indra nel Sardon 43. Puja Sardar 44. Siddhostha Wandan 19.8:11 71) Amoshrue ghesh. 72) Omnita Saha 73) Shaquib Raza 74) Bivos Sardor 4.5. SUJAN NOUSKAh 46. Sagnaro Naskage 75) Uttal Halder 47. Soumita Sarkar 76) Rosam Rom 96. Puphina Sondon 47. Samahita Suha 48. Arrifa. Khather 77) Saswata Saha. 78) Sk. Baderoddo Za 79) DiPankan Nasheur 9. Rostet molliek 50. Nista Bhownick 80) vijoy owPal Naskon 81) Sayon Naskar.
82) Bound Ford: H.
93/ Gonton Bononjee 51. Samin, Mondal 52. Soull Hor. 53. Bival Del The Samuel Je 53) keen Sandan

957 Poremendu Hozora 86) Lamapha Sechar Notion 87) Subhodeep pornja 88) Sidnartha Butta 89) Deepayan Das 90) vienal frasad 11/2 Riya Goswani 92) Sukanya Dey 93) Avivalita Actionise q 4) Prei fun khois kel as) S. K. Pagel 96) Avash Bhattacharya 97) Naheen Ahmed 98) Sohod Sohob Alaem 99) Sreemøye Bouergre 100) Grangi Bawk Chowdhing 101) Aageech man Crhoch 102) Abhildach kurierfre 103) Sayan Biswas. 104) Sukanega Parel 105) Katha Biswas. 106, Meenakhe khatun 107) Nayantana khatun 10 %) Shriparna Nath 109) Suchavita Bose keya Chakraborty 11) Puja Mondal 112) Bujyanka Majhi 113) Shrabanti Sardar

14) Superiya Mukherijee. 115) Kanaklata beargn 116) Nasnika Khadun 117) Yeasmin Khatur. 118) Raihana Khatm 119) Mumpi Paulan 120) Rayib Molla 1217 Soumik Biswas. 122) Jeet gupta 123 Kritika Kumery Rajohan 124) Sonia Mal 125) Riju Bhowmik 126) Monalisa Pramariek 127) Susmita Shaw 128) Soniya Day 120> 129> Arnab Manna 130) Rajdeep Roy 1317 Supasit Nookan. 132) Triyanka Kayal: 133) Sapiya Chalterjee. 134) Poiti Dutta. 185) Sourish Bhattacharjee 136) Shankha Shubro Ghosh. 134) Sayak sinha Mahapatna. 138) Soumya Kanti paul. 139) Rahul Chosh. 140) Sourika Sarkar.

1. Kuthka Kumari Rijohan 2. Scurnija Biswas. 3. Sarojit Nookar 4. Sonija Dey 5. Riju Bhowmik 6. Susmita Shaw 7. Lorganko Kayal. 8 Saunika Barkar 9 Priti Dutta 10 Rahul Grhosh 1. Lubuni Mondal 12 Swapna Mondal 13 Disha Bhowmick 14 Ranjane Mondal	34) Rohida Khatun 35) Novigish Mondal 36) Ahindita Dutta 34) Grangi Bank Chowshury 38) What Halden 30) Deelax Bahadan 40). Ranci Sway.
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5. Riju Bhowmik 6. Susmita Shaw 7. Frizanko Kayal. 8 Saunika Zarkar 9 Priti Dulla 10 Rahul Grhosh 1. Lubuni Mondal 1. Lubuni Mondal 1. Swapna Mondal 1. Jisha Bhowmick	36) Ahindiba Dubta 37) Grangi Byrnk Chowshury 38) Vijel Halden 301 Deelex Bahadun 40). Rahai Dubey. 41) Avindi ta Achanjee
Susmita Shaw To Susmita Shaw Sounika Zarkar Priti Dulla Rahul Grhosh L. Lubuni Mondal Swapna Mondal Swapna Bhowrnick	34) Grandi Bank Chowshury Afr 38) What Halden 301 Deetax Bahadun 40). Rahar Drocy.
8 Sounika Rayal. 8 Sounika Rarkour 9 Priti Dulla 10 Rahul Grhosh 1. Lubuni Mondal 2 Swapna Mondal 13 Disha Bhowrnick	34) Grandi Bank Chowshury Afr 38) What Halden 301 Deetax Bahadun 40). Rahar Drocy.
8 Saunika Barkour 9 Priti Dulla 10 Rahul Grhosh 1. Lubuni Mondal 2 Swapna Mondal 13 Disha Bhowrnick	301 Deelax Bahadion 40). Rahai Divory. 41) Avindita Achanjee
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2 Swapna Mondal 13 Disha Bhownick	41) Avindita Acharjee
13 Disha Bhownick	41) Avindi ta Achanjee
13 Disha Bhownick	
14 Brown Mandall	42) Poritha Khasked
in the same interest	43) Naheen Shred
15 Sumana Nagkar - 411	
16 prize pol	45) Anash Bhattacharya Cri
17 Jayshree Ghosh	46) Soheb Alam
18 Rima Mondal	47) Sk. Payd
19 Prodip Gini	48) Aayushmoon whash
20 Biswariath Das	
21. Puja Sordar	(9) Suproise Monder. So) Abir Bhatlachapiae
	51) Natisa Afsana Andun
23. Aparia Parda.	5 Sathi Mondal
24) Indpanil Sopdan. Grain	1 53 Rima Maskael.
25) Ayon Sardar -	54) Payer Mistry
26) KABITA MALLIEK	54) Payer Mistry 55) Deepanjan Das
27) Porahafi Sandar	56) Suchamita Roy
28) Province Sondaro 29. Soumita Sorkar	11/15

ANNEXURE 1.16

Number of initiatives taken to engage with and contribute to local community during the last five years

18.07.2018	Eco club programme
15.08.2018	Flag hoisting
26.09.2018	Extension Lecture
28.09.2018	Extension Lecture
21.02.2019	Communicative programme
15.08.2019	Flag hoisting
19.08.2019	Seminar and Photography contest
22.07.2019	Eco club programme
25.12.2019	Union programme
21.03.2020	Union programme
20.04.2020 and 25.04.2020	Union programme
27.04.2020	Union programme
31.07.2020	National webinar
05.08.2020-06.08.2020	State level webinar
11.08.2020	National webinar
17.08.2020	Webinar
30.08.2020 - 31.08.2020	Webinar
21.09.2020	National Webinar
23.01.2021	Union programme
18.02.2021	International webinar
15.07.2021	Seminar
17.07.2021	Eco club programme
27.07.2021	State level webinar
15.08.2021	Flag hoisting
15.08.2021	Union programme
31.12.2021	Union programme
21.02.2022	Communicative programme
06.04.2022	Poster making competition
20.04.2022	Wall Magazine
27.04.2022	Special lecture
27.04.2022	Student Seminar
27.04.2022	Seminar
	26.09.2018 28.09.2018 21.02.2019 15.08.2019 19.08.2019 22.07.2019 25.12.2019 21.03.2020 20.04.2020 and 25.04.2020 27.04.2020 31.07.2020 05.08.2020-06.08.2020 11.08.2020 17.08.2020 21.09.2020 23.01.2021 18.02.2021 15.07.2021 27.07.2021 27.07.2021 15.08.2021 15.08.2021 21.02.2022 06.04.2022 27.04.2022 27.04.2022

Seminar on Medicinal plants: 28/01/2019 (12.30 – 2.30 pm)



Invited lecture on

Application of Ethno-Medicinal Spices in our day to-day life. Medicinal Plants in our daily life

By Dr. Subrata Maiti

ECO-CLUB VAN MAHOTSAV CELEBRATION





Invited lecture on Global Warming
By
Prof. Partha Basu

Green skill development, Ministry of Environment, Forest and Climate Change, Government of India.





Annexure 1.17.4

3.1.2 Percentage of departmen government agencies during the		projects funded	d by gove	rnment and nor	1-		
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co- Investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)
YEAR: 2018 - 19							
YEAR: 2019-20							
YEAR: 2020-21							
YEAR: 2021 - 22							
Effects of types of food items and food presentation on the behaviour of fishing cat, Prionailurus viverrinus Bennett, 1833 (Carnivora: Felidae) in a confined environment: implication for conservation breeding	PI: Dr. Soumyajit Banerjee (Serampore College) Co-PI: Dr. Rudra Prasad Das (K.B.B.N. College)	Zoology	2021	Rs. 19.78 L (Ref. 282/WBZA/T- 38/21-22, Dated 25/08/2021)	Four (04) Years	West Bengal Zoo Authority (Dept. of Forests, Govt. of West Bengal)	Government

KISHORE BHARATI BHAGINI NIVEDITA COLLEGE (CO-ED)

<u>LIST OF TREES PRESENT IN COLLEGE PREMISES, SURVEYED BY ECO-CLUB</u>

SL	COMMO N NAME	SCIENTIFI C NAME	USES	РНОТО	REMAR KS
N	IN INAIVIE	CNAME			NS
0.					
1	Nandini	Nandina domestica	A decoction is used in the treatment of fever in influenza, acute bronchitis, whooping cough, indigestion, acute gastro-enteritis, tooth abscess, pain in the bones and muscles and traumatic injuries	Kcikata, West Bengal, India 134, Ramicitahiris Sarani, Vivekananda Pally, Behala, Kcikata, West Bengal 700080, India List 22, 42,89832* Long 98,30827* Long 98,30827* 136(8)/24 02:56 PM GMT +05:30	Good Conditio n
2	Harjora	Cissus quadrangula ris	It is used for diabetes, obesity, high cholesterol, bone fractures, allergies, cancer, stomach upset, painful menstrual periods, asthma, malaria, wound healing, peptic ulcer disease, weak bones (osteoporosis) and as body building supplements as an	Kolkata, West Bangal, India 19. Reminralma Saran, Vhukananda Pally, Bahala, Kolkata, West Bengal 700903, India 1st 22-289922 Long 88-3086221 Google 11 15(08)24 0.256 PM GMT +05:90	Moderate condition

			alternative to anabolic steroids.		
3	Indian Beech Tree	Mulletea pinnata	It has been used in ancient Ayurveda to make the cure for a variety of illnesses. It has antibacterial and anti-inflammation properties that can help deal with sudden illnesses like coughs and colds, and bacterial infections	Kolkata, West Bengal, India 184, Ramkrina Saran, Vivekananda Paliy, Benala, Kolkata, West Bengal 700060, India Lat 22,4996922 Long 88.809821 18(03/24 02:57 PM OMT +05:30	Moderate condition
4	'Gold Dust' Varigate d Croton	Codiaeum variegatum aureomacul atum	It's leaves and stem bark being used in the form of tea or pills for the treatment of diabetes, high blood cholesterol levels and gastrointestinal disturbances, 10 as well as hepatic disturbances and weight loss.	Rollatia, West Bengal, India 18-8, Remarishna Sarah, Virokananda Pairy, Bohala, Kohata, West Bengal 700000, 14-12-409802- 14-12-409802- 15-10-03/24 02-58 RM 6MT - 05/30	Good Conditio n

5	Purple Prince plant	Alternanther a brasiliana	· ·	ROBUS, West Benow, Insia. 18. Remixtann Saran, Vockananda Pally, Bahata, Kokata, West Benoal 700000, Insia. 18. Remixtann Saran, Vockananda Pally, Bahata, Kokata, West Benoal 700000, Insia. 18. Remixtann Saran, Vockananda Pally, Bahata, Kokata, West Benoal 700000, Insia. 18. Remixtann Saran, Vockananda Pally, Bahata, Kokata, West Benoal 700000, Insia. 18. Remixtann Saran, Vockananda Pally, Bahata, Kokata, West Benoal 700000, Insia. 18. Remixtann Saran, Vockananda Pally, Bahata, Kokata, West Benoal 700000, Insia. 18. Remixtann Saran, Vockananda Pally, Bahata, Kokata, West Benoal 700000, Insia. 18. Remixtann Saran, Vockananda Pally, Bahata, Kokata, West Benoal 700000, Insia. 18. Remixtann Saran, Vockananda Pally, Bahata, Kokata, West Benoal 700000, Insia. 18. Remixtann Saran, Vockananda Pally, Bahata, Kokata, West Benoal 700000, Insia. 18. Remixtann Saran, Vockananda Pally, Bahata, Kokata, West Benoal 700000, Insia. 18. Remixtann Saran, Vockananda Pally, Bahata, Kokata, West Benoal 700000, Insia.	Moderate condition
6	Spider Plant	Chlorophytu m comosum	The most important spider plant indoor benefit is its ability to filter and purify the air in your home. 'This nontoxic plant is also perfect for filtering toxins from the air such as formaldehyde, toluene, and xylene.	Kolkata, West Bengal, India 184, Ramkrishina Sarani, Vivekananda Pally, Behala, Kolkata, West Bengal 700060, India Lat 22.499832* Long 88.308621* 15/03/24 03:00 PM GMT +05:30	Moderate condition

7	Mosses in the Cradle	Tradescanti a spathacea	Research supports the traditional use of Boat Lily to treat cough, bronchitis and sprains. Other traditional uses include treating fever, amenorrhea, headache and rheumatism.	General State Stat	Moderate condition
				Kolkata, West Bengal, India 184, Ramkrishna Sarani, Vivekananda Pally, Behala, Kolkata, West Bengal 700060, india Lat 22.499632* Long 88.308621* 15/03/24 03:01 PM GMT +05:30	

8	Garden	Codiaeum	The leaves are		Good
	Croton	varieagatum	specified as herbal medicine for		Conditio n
			extravasated blood		
			and swelling.		
				Kolkata, West Bengal, India 184, Ramkrishna Sarani, Vivekananda Pally, Behala, Kolkata, West Bengal 700060,	
				india Lat 22.499632*	
				Google 15/03/24 03:04 PM GMT +05:30	

9	Chinese Rongon	Ixora chinensis	The essential oil distilled from the leaves is said to be calming. The fine-grained wood of many rhododendron species is used for making bowls, spoons, furniture and fences. It is also used for firewood, which produces a long-lasting heat, and for making charcoal.	Kolkata, West Bengal, India 184, Ramkrishna Serani, Vivekananda Pally, Behala, Kolkata, West Bengal 700080, India Lat 22.499682* Long 88.308621* 15/03/24 03:06 PM GMT +05:30	Good Conditio n
1 0	Karabi	Nerium oleander L.	One of the glycosides, oleanderin, used to treat patients with heart problems. Decoction of bark and leaves grounded in oil used to treat skin diseases.	Solaria, west Sengal, ricidi 1-8. Hemicrohia Sengal, ricidi	Good Conditio n

11 Broadle af Palm lily	Cordyline petiolaris	Traditionally it is being used for the treatment of various disorders, such as fever, headache, diarrhea, coughs, haemoptysis, small pox, madness, skin eruptions, joint pains, rheumatic bone pains, swelling pain and it is also used for abortion.	Good Conditio n
1 Commo 2 n hibiscus	Hibiscus syriacus	Hibiscus syriacus has many medicinal benefits. These include: The leaves of Hibiscus Syriacus have diuretic, expectorant, and stomachic properties. It is also used to treat itch and other skin diseases, dizziness, and bloody stools with a lot of gas.	Good Conditio n

1	Norfolk	Araucaria	Natural air		Good
3	Island	heterophlla	purifier, improving		Conditio
	pine		air quality and		n
			reducing allergens.		
			Symbol of		
			resilience, offering		
			stress relief and a		
			touch of nature's		
			calm.		
				GPS Map Camers Kolkata, West Bengal, India	
				184, Ramkrishna Sarani, Vivekananda Pally, Behala, Kolkata, West Bengal 700060, India Lat 22.499632* Lat 22.499632*	
				Google 15/03/24 03:09 PM GMT +05:30	
				THE PROPERTY OF THE PROPERTY O	

1	Chinese	Juniperus	Juniper berries or		Good
4	juniper	chinensis	extract of the plant		Conditio
			has traditionally		n
			been used		
			as diuretic, anti-		
			arthritis, anti-		
			diabetes, antiseptic	A STATE OF THE STA	
			as well as for the		
			treatment of		
			gastrointestinal		
			and autoimmune		
			disorders.		
				GPS Map Camera	
				Kolkata, West Bengal, India 184, Ramkrishna Sarari, Vivekananda Pally, Behala, Kolkata, West Bengal 700060,	
				144, Ramsrenna Sarani, Vivekarianda Paliy, Benala, Kolkata, West bengal /UUUbU, India Loti 22.499632*	
				Google 15/03/24 03:10 PM GMT +05:30	
				and a segment of the second of	

1 5	Euodea	Tetradium daniellii	(Rutaceae) is a medicinal plant widely used in the Mediterranean region to treat pain, dermatitis, rheumatism, and other inflammatory diseases, but its use is limited by its potential toxicity.	Collata, West Bengal, India 184, Ramkrishna Sazari, Virukaanata Pally, Behala, Kolkata, West Bengal 700000, edia 2-889322 Luog 98.20027 TSI03/24.0031 PM OUT +0530	Good Conditio n
1 6	Snake Plant	Dracaena trifasciata	Snake plants are known for their ability to remove toxins and pollutants from the air, such as formaldehyde, benzene, and xylene.	Formation in longs of the second state of the	Good Conditio n

1	Bamboo	Dracaena sanderiana	Bamboo absorbs		Good Conditio
/		Sanaeriana	greenhouse gases		Conditio
			and releases		n
			oxygen into the		
			atmosphere.		
				G OPS Hep Camera	
				Kolkata, West Bengel, India 184, Ramirishna Sarani, Vivekananda Pally, Behala, Kolkata, West Bengal 700060, India	
				Lai 22.499322* Long 88.30821*	
				Google 15,031,24 03:13 PM GMT +05:30	

1	Song of	Dracaena	The plant removes		Good
8	India	reflexa	toxins from the air,		Conditio
			including benzene,		n
			formaldehyde,		
			trichloroethylene,		
			and VOCs		
			It increases		
			humidity levels,		
			which can help		
			with respiratory		
			problems, dry		
			skin, and cold or		
			flu symptoms.		
				GPS Hap Camers	
				Kolkata, West Bengal, India 184, Ramikrishna Sarani, Vivekananda Pally, Behala, Kolkata, West Bengal 700060,	
				Lang 88.30652**	
				Google 15 15/03/24 03:13 PM 0MT +05:30	

1 9	Aloe Vera	Aloe barbadensis miller	It contains more than 75 active ingredients, including enzymes, amino acids, vitamins, and minerals, some of which could make it useful for treating diseases. Some people use aloe vera gel as a home remedy to treat burns and other skin conditions and heal wounds. Aloe juice is also promoted as a natural remedy for diabetes, heartburn, and inflammatory bowel syndrome (IBS).	Kolkata, West Bengal, India 184, Ramkrishna Sarani, Vivekananda Pally, Behala, Kolkata, West Bengal 700060, India	Moderate condition
			(2).		

2	Gondhor	Gardenia	Medicinally,
0	aj flower	jasminoides	Gandhraj flowers
	plant		have been
	_		employed in
			traditional
			Ayurvedic and
			Chinese medicine
			for their
			therapeutic
			properties. They
			are believed to
			possess anti-
			inflammatory,
			analgesic, and
			sedative effects,
			offering relief
			from various
			ailments like
			headaches, stress,
			and insomnia.



Moderate condition

2	Plum	Polyscias	Like many other		
1	aralia	scutellaria	houseplants, it		
			helps remove		
			toxins from the air,		
			contributing to a		
			healthier indoor		
			environment. It		
			can effectively		
			filter out pollutants		
			such as		
			formaldehyde and		
			benzene, which are		
			commonly found		
			in household		
			products.		
				GPS Map Camera Kolkate, West Bengel, India	
				184, Ramkrishna Sarani, Vivokananda Pally, Behala, Kolkata, West Bengal 700060, India La 22.499632*	
				Google Long 88.308621* 15/03/24 03:15 PM GMT +05:30	

2	Chinese	Aglaonema	The Chinese		Good
2	Evergree	modestum	Evergreen is a		Conditio
	n		powerhouse when		n
			it comes to		
			scrubbing the air		
			clean. NASA's		
			studies vouch for		
			its ability to wage		
			war on indoor air		
			pollutants,		
			including		
			notorious villains		
			like benzene and		
			formaldehyde.		
				Kolkata, West Bengal, Incia	
				184, Ramkrishna Sarari, Vivekananda Pally, Behala, Kolkata, West Bengal 700060, India	
				Lat 22.499632* Long 88.308621*	
				Google 15/03/24 03:16 PM GMT +05:30	

2 3	Rose	Rosa	Rose is mainly
3		multiflora	used in
			commercial and
			medicinal
			purposes. It treats
			skin diseases, eye
			strain, stress,
			insomnia,
			diarrhoea and
			hyperacidity due
			to its medicinal
			properties like
			anti-inflammatory,
			aphrodisiac, anti-
			depressant,
			astringent,
			antispasmodic,
			cleansing, anti-
			bacterial and
			antiseptic
			properties. Rose
			petals are made of
			methionine
			sulfoxide.
			Compounds like
			tannins and
			saponins are
			present in it. The
			whole plant
			produces
			kaempferol,
			quercetin and
			cyanide. Regular
			intake of rose
			powder helps
			reduce acidity in



Moderate condition

the stomach due to	
its Sheeta (cold)	
properties. Rose	
powder helps your	
body absorb more	
nutrients and	
control diarrhea	
due to its Grahi	
(absorbent)	
properties. Rose	
helps in	
controlling heavy	
menstrual bleeding	
by balancing the	
Pitta dosha. Rose	
helps in reducing	
the redness,	
inflammation or	
rashes on the skin	
due to its anti-	
inflammatory and	
antiseptic	
properties. Rose is	
considered to be a	
mood freshener as	
it has anti-	
depressant and	
cleansing	
properties. It is	
useful for	
removing oil and	
dirt from the pores	
of the skin because	
it has astringent	
properties. Rose is	
useful in treating	

arthritis and	
related symptoms	
due to its anti-	
arthritic, anti-	
inflammatory and	
analgesic	
properties. Rose is	
useful for weight	
loss due to its	
Deepan (appetiser)	
and Pachan	
(digestion)	
properties. It	
absorbs toxins and	
helps flush them	
out of the body,	
which helps	
increase	
metabolism.It is	
known to relieve	
eye stress and eye	
pain with	
immediate effect.	
Rose helps to get	
relief in cough due	
to its antitussive	
properties. It	
reduces the mild	
sore throat and	
bronchial	
infection.	
	1

Love bush	Kalanchoe pinnata	Consuming the seeds of the love	THE RESIDENCE OF THE PROPERTY	Good Conditio
Justi	pinnaia	bush is good for		n
		propping up the		
		body's immune		
		system. The		
		dodder plant		
		extract is also an		
		effective method		
		of cleansing the		
		liver, fighting eye		
		diseases including		
		glaucoma,		
		boosting heart		
		health, toning the		
		kidneys and		
		cleaning the		
			Last 24-409632*	
		bladder.	GROOTE: 15/3374 0319 PM OMT =05-30	
		urinary tract and bladder.	194, Rumkinbrus Saran, Viscourando Pally, Behala, Kinata, Winst Bengal 700000, India Lang 68-30082T	

2	Sugi	Cryptomeria	The refreshing		Good
5		japonica	uplifting scent of		Conditio
			sugi leaf essential		n
			oil is mentally and		
			emotionally		
			uplifting and		
			invigorating. Both		
			sugi wood and leaf		
			essential oils have		
			traditionally been		
			used to alleviate		
			respiratory		
			congestion		
			associated with		
			blocked sinuses		
			and chest	OPS Hap Camera	
			congestion.	Kolikata, West Bengal, India 184, Remirishna Sarani, Vivelananda Pally, Behala, Kolikata, West Bengal 700080,	
				India 22.499532	
				Google 15/08/24 03:20 PM GMT +05:30	

6	Fig tree	Ficus triangularis	Fig leaf and fruit contain chemicals		Good Conditio
			that might help		n
			move food through		
			the intestines		
			better. It also contains chemicals		
			that might help		
			control blood		
			sugar and		
			cholesterol levels.		
				OPS Map Camera Kolkata, West Bengal, India	
				184, Ramkrishne Sarani, Vivokarianda Pally, Behalo, Kolkata, West Bengal 700660, India Lat 22 409632*	
				Google 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

2	Dwarf	Schefflera	The Dwarf		Good
7	Tree	arboricola	Umbrella Tree isn't		Conditio
			just a pretty face;		n
			it's a workhorse		
			for indoor air		
			quality. This plant		
			takes on volatile		
			organic		
			compounds		
			(VOCs) like a		
			champ, absorbing		
			nasties such as		
			formaldehyde and		
			benzene that lurk		
			in our homes from		
			paints and		
			cleaners.	GPS Map Camera Kolkata, West Bergal, India	
				184, Ramkrishna Sarani, Vivekananda Pally, Behala, Kolkata, West Bengal 700060, India	
				Google 18 19 (3074 0 927 PW 6MT +05:30	

2 8	Varigate d Dwarf	Schefflera arboricola	This plant is used to remove toxins		Good Conditio
	umbrella		that are released		n
	tree		by cigarettes into		
			the surrounding air.		
				© 0P3 Map Comora	
				Kolkata, West Bergal, India 194, Ramierishna Sarani, Vivekananda Pally, Behala, Kolkata, West Bengal 700060,	
				Lut 22 496832* Long 88.308021* 15/0974.0 0322 PM 6MT +05:30	

9	Corn plant	Dracaena angustifolia	Dracaena is one of the indoor plants that help reduce indoor pollution levels. The plant releases water vapour and increases moisture levels in air, thus, reducing dry-air conditions.	Codes, Word Design Follow Experts, Word Desi	Good Conditio n
3 0	Red rose	Rosa rubiginosa	Various parts of rose such as fruits, flowers, leaves, and bark can be used in various product development, including cosmetics, food, pharmaceuticals, and engineering. The medical benefits of roses include the treatment of inflammation, diabetes, dysmenorrhea,	Code State Common Code State Code State Common Code State Code State Common Code State Cod	Good Conditio n

			depression, stress, seizures, and aging.		
3 1	Rubber Plant	Ficus elastica	The ability of rubber plants to filter the air is well documented. Formaldehyde, benzene, and carbon monoxide are prevalent indoor contaminants that can be absorbed by them, giving your room new oxygen. Additionally, the plant can eliminate bacteria and mould spores in the air, improving air quality.	THE PROPERTY OF THE PROPERTY O	Good Conditio n

3 2	Areca palm	Dypsis lutescens	Areca Palms also increase the levels of humidity in the air. Combined with increased oxygen and toxinfree air, additional humidity helps people with asthma and other respiratory issues breathe a little easier. Another important benefit of having an areca palm indoors is that they are not toxic to pets.	Good Conditio n

3 3	Thuja	Thuja occidentalis	In traditional medicine, T. occidentalis has been used in the treatment of liver diseases, bullous bronchitis, psoriasis, enuresis, amenorrhea, cystitis, uterine carcinomas, diarrhea, and rheumatism. Essential leaf oil was used in the treatment of fungal infections, cancer, and intestinal worms.		Good Conditio n
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		oxtail Wodyetia bifurcata	Beyond its aesthetic allure, the Foxtail Palm contributes to a healthier living environment by purifying the air and removing harmful toxins.		Good Conditio n
--	--	------------------------------	---	--	-----------------------

	Rabies A e	Rhapis excelsa	Generally known as air purifier, especially as it grows larger, this plant help to reduce noise & cooling effect.		Good Conditio n
--	------------	-------------------	---	--	-----------------------

3 6	Bottle	Hyphorbe lagenicaulis Phoneix	Palm oil. Some 80% of palm oil is used for human consumption: mar garine, basic vegetable fat, food oil, cooking oil and specialist fats. It is also used to make derivatives for industrial use: fatty acids, soaps and cosmetics, industrial soaps, inks, resins, methyl esters, and so on.	Good Conditio n
3 7	Phoneix palm	Phoneix canariensis	Palm oil. Some 80% of palm oil is used for human consumption: mar garine, basic vegetable fat, food oil, cooking oil and specialist fats. It is also used to	Good Conditio n

			make derivatives for industrial use: fatty acids, soaps and cosmetics, industrial soaps, inks, resins,	
			methyl esters, and	
_	3.6 11 1		so on.	~ 1
3	Mandirj	Tamarix	It is sometimes	Good
8	hau	dioica	used to make	Conditio
			medicine. People	n
			take Tamarixdioica	
			for swelling	
			(inflammation) of	
			the liver	
			(hepatitis), fever,	
			and kidney	
			disorders.	

3 9	Tulsi	Ocimum tenuiflorum	These studies reveal that tulsi has a unique combination of actions that include: Antimicrobial (including antibacterial, antiviral, antiprotozoal, antimalarial, anthelmintic), mosquito repellent, antidiarrheal, anticataract, antiinflammatory, chemopreventive and radioprotective.	Good Conditio n
-----	-------	--------------------	--	-----------------------

4 0	Neem	Azadirachta indica	Neem leaf is used for leprosy, eye	Good Conditio
0		indica	disorders, bloody nose, intestinal worms, stomach upset, loss of appetite, skin ulcers, diseases of the heart and blood vessels (cardiovascular disease), fever, diabetes, gum disease (gingivitis), and	Conditio
			liver problems. The leaf is also used for birth control and to cause abortions.	

1	Curry plants	Murraya koenigii	Rich in Antioxidants: Curry leaves are packed with antioxidants such as vitamin C, vitamin A, and flavonoids that help neutralize free radicals, reducing oxidative	Conditio n
			stress and lowering the risk of chronic diseases.	

Surveyed and documented by ECO-CLUB





Survey Team:

Convener of Eco-Club

Students: Prajukta Jana Sriparna Bhandari Sayani Das

KISHORE BHARATI BIIAGINI NIVEDITA COLLEGE (CO-ED) 148, Ramkrishna Sarani, Behala, Kolkata-700060.

ESTD-2001
Website: www.kbbnc.ac.in
Email Id: kbbncollege@gmail.com



IT HAS BEEN HEREBY NOTIFIED THAT, THERE HAS BEEN A BAN ON IDENTIFIED SINGLE-USE PLASTIC ITEMS ON COLLEGE PREMISES WITH EFFECT FROM 01/12/2021.

BY ORDER PRINCIPAL

Principal Kishore Bharati Bhagini Nivedita College (Co-Ed.)

Kishore Bharati Bhagini Nivedita College (Co-Ed)				
Electricity (Units Consumed)				
Month	2018-'19	2019-'20	2020-'21	2021-'22
July	2122	2044	61	239
August	2406	2174	271	822
September	1986	1768	270	917
October	1104	508	0	1028
November	912	1270	1141	679
December	743	714	360	1327
January	850	757	455	171
February	1274	970	551	1140
March	1304	0	628	877
April	1788	0	668	3157
May	1538	0	531	1079
June	1481	1190	532	1156
Total	17508	11395	5468	12592
Average	1459	949.5833333	455.6666667	1049.333333
Electricity charges per session				
2018-'19	₹160219			
2019-'20	₹88600			
2020-'21	₹43420			
2021-'22	₹63410			

Annexure 3.1.1

Floor	Room No.	Fluorescent	LED tube	LED bulb	CFL	Normal bulb	Fan
Ground	Office Old		5	3			4
	Office New	1	4				5
	Bursar room		1				1
	Staff room	2	6				5
	Principal's room		5				4
	Store room		1				1
	Corridor		4				
	Staff toilets			2			
	Union room		2				3
	Canteen	1	3		2		3
	Entrance		1				1 table fan
	Total		32				27
Floor	Room No.	Fluorescent	LED tube	LED bulb	CEI	Normal bulb	Fan
11001	ROOM NO.	Tuorescent	tube	outo	CIL	Duito	Tall
1	Woman's Common Room		5	7			3
	Room 9	2	2				4
	Room 8	1	2				2
	Room 7	2	2				4
	Room 16		5				8
	Room 11	3					1
	Corridor(11-15)	2	1				
	Room 12		3				2
	Room 13	2	2				
	Room 14		2				
	Room 15	1	4				2
	Larger Inner Corridor	2	3				
	Total		31				26
Floor	Room No.	Flourescent	LED tube	LED bulb	CFL	Normal bulb	Fan
2	17		4				7
	18		2				4
	19		2				4
	20		2				2
	21		2				2
	22		3				5
	Library		7				3
	24		2				2
	Soil Lab		2				3

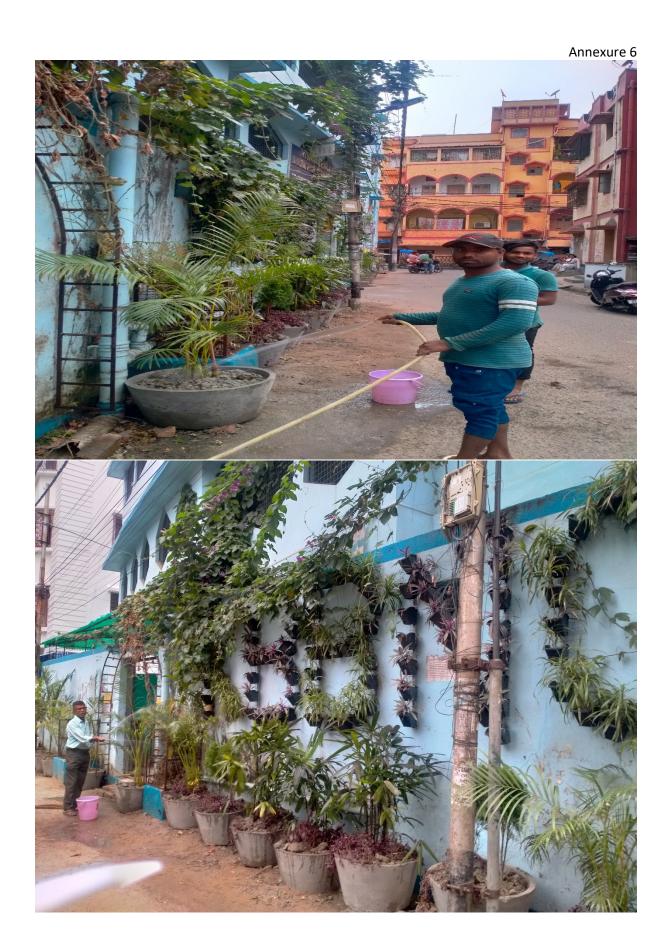
	Men's Toilet		1				
	Inner Corridor		4				3
	26	1	2				
	Corridor (24-28)	1	2				2
	27		2				3
	28		2		1		5
	29		8				
			2				
	Total		49				45
Floor	Room No.	Flourescent	LED tube	LED bulb	CFL	Normal bulb	Fan
3	Hall 2		6				5
	35	2					1
	30	3	4				3
	31	3	3				5
	32		5				3
	34	2	4				6
	Men's toilet		1				
	Hall 1		6				8
	Inner Corridor	1	3				
	Outer Corridor						7
	Landing 3		1				
	Landing 2		1				
	Landing 1		1				
	Total		36				35

Developing Green Area on the campus









Annexure 6



