



Barasat Government College



Environment Related Student Facilities (Green Facilities) and Activities **Academic Session 2023-24**

Solar Power Station/Renewable Energy

Two solar power units (10kWp and 20kWp by WBREDA) have been installed at the rooftop of the main administrative building directly connected to the grid that helps in reducing the electric bills.

Name of the Facility: (i) 20kWp Solar Panel (ii) 10kWp Solar Panel

Location: Rooftop, Barasat Government College

Service: Provides maximum (i) 26000kWh(units) and (ii) 13000kWh (units) electricity supply per year respectively

Benefits: Reduces electricity expenditure

Expenditure for Installation: Rs. 10,53,768/-



10kWp and 20kWp rooftop
Solarpower units



Schematic diagram of solar
power units

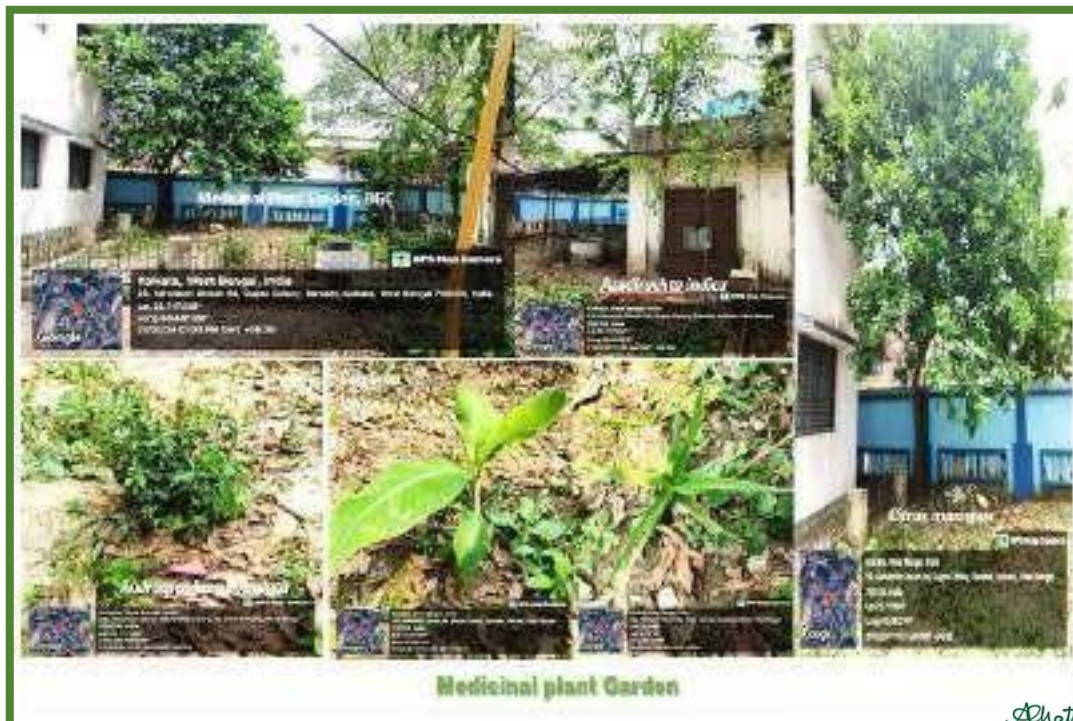
A. Chatterjee
Principal
Barasat Govt. College
Govt. of West Bengal



Green Facilities at The Campus



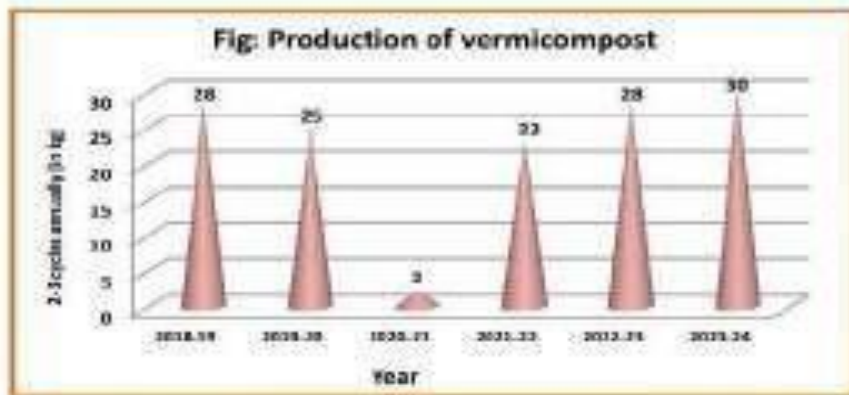
LANDSCAPE AND GARDEN AT COLLEGE CAMPUS(IN HOUSE FACILITY)



Documentation of Floristic Diversity Within Campus By Students of Botany and Nature Club



A VERMICOMPOST UNIT AT BARASAT GOVERNMENT COLLEGE



Shatterjee
Principal
Barasat Govt. College
Govt. of West Bengal



ENVIRONMENT RELATED VALUE ADDED COURSES (VAC)

INFORMATION BROCHURE

DEPARTMENT OF GEOGRAPHY
BARASAT GOVERNMENT COLLEGE
MAAC ACCREDITED WITH 'A' GRADE & 597-435 SPONSORED COLLEGE

VALUE ADDED COURSE PRESENTS

ENVIRONMENTAL EDUCATION AND SUSTAINABLE DEVELOPMENT
BGC GEOVAC001/23-24

EXPERIENCED FACULTIES
INTERACTIVE CLASSES
36 CONTACT HOURS

JUNE 18-25, 2024
FROM 10:30 AM IST
APPLY NOW

www.bgc.ac.in
bgc.geographydept@gmail.com

INTERDISCIPLINARY MODULES
CERTIFICATE ON SUCCESSFUL COMPLETION
TEACHING, LEARNING AND EVALUATION
JOB-ORIENTED MENTORING
INTAKE CAPACITY: 40
INCREASING EMPLOYABILITY
CONTEMPORARY IMPORTANCE

DEPARTMENT OF CHEMISTRY
BARASAT GOVERNMENT COLLEGE
OFFERS
VALUE ADDED COURSE
ON
FRUIT AND WATER QUALITY ANALYSIS AND IDENTIFICATION OF ADULTERANTS IN FOOD
20 - 26TH JUNE, 2024

chemistry@bgc.ac.in

BARASAT GOVERNMENT COLLEGE

POST GRADUATE DEPARTMENT OF BOTANY
VALUE ADDED COURSE
ON
**INSIGHTS IN MYCOLOGY AND PLANT PATHOLOGY:
FROM MUSHROOM CULTIVATION TO PEST MANAGEMENT**

MAY 17-24, 2024

Chief patron
Dr. Samar Chattopadhyay
Principal
Barasat Govt. College

Venue: Departmental Seminar Room
Certificates on successful completion of the course
Course Coordinator: Dr. Anuradha Bandopadhyay
Contact no: 8910848697
Last date of registration: 16.05.2024
Registration Link: <https://forms.gle/p4SenTtZ5vgZJVxn7>



S. Chattopadhyay
Principal
Barasat Govt. College
Govt. of West Bengal



OUTREACH PROGRAMMES BEYOND CAMPUS (2023-24)

OUTREACH PROGRAMMES BEYOND CAMPUS (2023-24)

The College is located at heartland of urbanized city Barasat surrounded by dense population and market place and slum area, where the most common problem remains unclean, unhealthy ambience that relates to many diseases.

- Botany department performed an outreach programme where the students for consecutive three years visited an agricultural land and observed the plant pathogen interaction in causing diseases that incurred economical losses to the farmers. Students under guidance of Dr. Anuradha Bandopadhyay, SACT Teacher of Barasat Government College, interacted with the farmers for probable causes and suggested remedial measures accordingly.
- Dr. Anuradha Bandopadhyay also trained many farmers on utilization of biofertilizer and mushroom cultivation.

Ahatterjee
Principal
Barasat Govt. College
Govt. of West Bengal



Outreach Programmes performed during Academic Session

2023-24

Sl. No.	Date	Event/ Participants	Location of event	Nature of the event	Weblink
1.	04.03.2022 (2021-22) 28.02.2023 (2022-23) 15.03.2024 (2023-24)	An agricultural field had been selected to visit for three consecutive academic years by students for continuous study and identification of plant diseases. Interactive sessions with farmers helped to enrich the stakeholders about the field disease and possible solutions were also offered to them. M.Sc. SEM-II and SEM- IV students visited during academic session 2021-22, (26 students), 2022-23 (24 students), 23-24 (20 students)	Madhabpur, Nilganj Santoshpur adjoining area, Amdanga, North 24 Parganas	Farmer's field visit to learn about 1. Different diseases in Agricultural crops 2. To identify causes of outbreak of diseases in agricultural Field. 3. To suggest a solution through interactive session	https://bgc.ac.in/pdf/activities/botany/Agricultural%20Field%20visit%202022--24.pdf
2.	Faculty member associated with nonremunerative consultancy services	Farmers are being trained in utilizing biofertilizers under the guidance of Faculty member Dr. Anuradha Bandopadhyay. She has been associated with Sudharma Krishi consultancy P(Ltd), an organization that operates on ICAR (Indian Council of agricultural research) mechanism to offer benefit to the farmers through researches on Agricultural technologies.	Madhabpur And adjoining areas	To train the farmers in the field of organic farming through application of Biofertilizers and Biopesticides	https://bgc.ac.in/pdf/activities/botany/WhatsApp-Image-2024-04-17-at-10-15-54-PM.pdf

A. Chatterjee
Principal
Barasat Govt. College
Govt. of West Bengal



1. **Agricultural field visit for plant disease identification and farmers' interactions** by M.Sc. Sem2 and Sem4 students, P.G. Department of Botany, BGC, at Sarpadihi, Amdanga Subdivision, North 24 Parganas., on 15.03.2024 for consecutive three academic sessions (2021-22, 2022-23 and 2023-24)



Ahatterjee
Principal
Barasat Govt. College
Govt. of West Bengal



**A BRIEF SUMMARY OF AGRICULTURAL FIELD VISIT(AN INITIATIVE
BY PG DEPARTMENT OF BOTANY)**

Introduction: A field visit was conducted for plant pathological study and local farmers' interaction. The objective was to assess crop health, study disease patterns and symptoms and promote knowledge exchange with farmers.

Academic session/Dates	Number of student participants	Semester II	Semester IV Special Paper Plant pathology and Virology	Place
2021-22 4.03.2022	26	22	4	Sarpadihi, Nilganj Santoshpur road, Amdanga, North 24 Parganas.
2022-23 28.02.2023	24	19	5	
2023-24 15.04.2024	20	18	2	

- Faculty:** Dr. Anuradha Bandopadhyay(SACT), Dept. of Botany. Barasat Government College
- Farmers:**
 - Mehenaj Uddin, vegetable grower and seller
 - Fakir, rice and vegetable grower

Activities and Observations

- Crop Assessment and disease study:**
 - Different seasonal vegetable crops like tomato, potato, brinjal, cauliflower, chillies, broadbeans, bottle gourd, pointed gourd etc. and rice were studied in the field.
 - Symptoms like early blight and late blight, powdery and downy mildews, leaf spots and flecks, wilts, rusts, anthracnose, blasts, yellow mosaic virus, leaf curl virus and phytoplasma were found dominating in the field.
 - **Rice blast** lesions and brown spot lesions were prevalent in low-lying areas due to excessmoisture.
 - Tomato plants were highly affected by symptoms of early blight, late blight and *Fusarium* wilt due to untimely intermittent heavy rain in winter.
- Interactive Sessions:**
 - Dr. Bandopadhyay explained disease symptoms and management strategies to farmers.
 - Farmers shared their experiences and traditional practices.
 - Tomato fields were affected most which could not be controlled by traditional application of fungicides like mancozeb.
 - Integrated management by organic and chemical pesticides were advised.

Conclusion :

Through the field study, students gained knowledge about various disease symptoms of crops, hands-on training on disease identification through symptomological and app-based study. The field visit also facilitated valuable interactions between students, teacher and farmers. The students got familiar with practical problems of disease incidence on agricultural field crops. It also highlighted the need for tailored solutions, knowledge dissemination, and sustainable practices for farmers.

2. Certification of Farmers' training obtained by Dr. Anuradha Bandopadhyay, SACT, Department of Botany



Ahatterjee
Principal
Barasat Govt. College
Govt. of West Bengal



WITHIN CAMPUS ACTIVITIES (2023-24)

- Various commemorative days are celebrated such **World Wildlife Day, International Biological Diversity Day, World Environment Day** to make students aware of the significance of nature and natural resources.
- Environment Protection and Nature Cell organized awareness programme by arranging Poster and slogan writing competition against dengue and Vector borne diseases
- Awareness regarding conservation of water and energy and other resources are celebrated through publication of wall magazines, students seminar and documentation of natural resources within the campus.
- Students are actively involved in various awareness programmes like sensitization of vector borne diseases, sanitization programmes within the campus.
- **NSS and Environment Protection and Nature Cell arranged Sapling Plantation at college campus, Seminar lectures were delivered to celebrate World Environment Day.**
- NSS students took part in campus sanitization and cleaning programmes.
- **Value Added Courses organized by Department of Botany, Geography and Chemistry imparted knowledge on various Environment related issues.**
- Vermitechnology remains an important part of in campus activity, Department of Zoology maintains the unit to produce compost with the help of students. The compost is again utilized for the maintenance of the garden.

A Phatterjee
Principal
Barasat Govt. College
Govt. of West Bengal



Within Campus Programmes Performed during Academic


Sl No	Dates	Event	Nature of events	Outcome	Participants/weblink
1.	22.08.2023	Environment Protection and Nature Cell of Barasat Government College organized an awareness program on prevention of vector borne diseases by displaying posters and slogans made by students of different departments of the college.	Dengue and Vector borne disease awareness program	Student awareness and capacity building programme	Number of Students participants 15
2.	05.4.24	Environment Protection and Nature Cell of Barasat Government College in collaboration with IQAC organized a seminar on “ Save Water, Save Energy ” 1. Dr. Dhananjay Roy, Associate Professor, Department of Physics spoke on Energy conservation for sustainable future. 2. Oral presentation on Water Conservation and Management in Daily Life by Student volunteers from Nature Club : i Trishna Hazra , PG Semester IV, Department of Botany ii. Pratyusa Deb, PG Semester IV, Department of Botany iii.Safina Alam, UG Semester IV, department of Zoology Students from Chemistry Department demonstrated the methods of detection of Hardness of water and analysed the quality of water from college campus. 1. Rima Biswas, Semester VI 2. Md. Rohan Ali, Semester VI	Water and Energy Conservation Awareness Programme	Student awareness	Number of Students 26. Number of teachers: 11
3	30.04.2024	A seminar on “Role of Mangrove Army in Protecting Climate Change” organized by Geography and Botany Department by Uma Shankar Mondal, Purbasha Eco help line secretary	Environment awareness seminar	Student awareness programme	Number of participants: 87
4.	15.06.2024	1. Tree plantation 2. Academic Seminar By Dr. Narayan Chandra Karmakar (Botany) and Dr. Srikanta Guria (Zoology) on the occasion of World Environment Day organized by NSS and Environment Protection and Nature Cell	Celebration of World Environment Day Commemorative Event	Student awareness programme	Number of Participants: 50
5..	18.06.2024	Academic Seminar on the occasion of World Wildlife Day & World Environment Day organized by Post Graduate Department of Zoology, Barasat Govt. College in association with IQAC, Barasat Govt. College	Celebration of World Wildlife Day & World Environment Day Commemorative Event	Student awareness programme	Number of Participants: 77

A. Chatterjee
Principal
Barasat Govt. College
Govt. of West Bengal



6.	22.06.2024	Dept of Botany celebrated International Biological Diversity Day By field visit and biodiversity documentation at Kishalaya Orphanage Home led by Dr. G.G. Maity, Dr. Narayan Chandra Karmakar and Dr. Sautrik Basu	Celebration of International Biological Diversity Day Commemorative Day	Student awareness programme	Number of participants :22
7.	22.06.2024	Dept of Botany celebrated International Biological Diversity Day By inaugurating Wall magazine Blooming Buds 2.2	Celebration of International Biological Diversity Day Commemorative Day	Student awareness programme	Number of participants: 22
8.	18.06.2024 to 25.06.2024 (36 contact hours)	VAC on “Environmental Education and Sustainable Development” BGC GEOVAC001/23-24	Value Added Course organized by Geography Department	Student awareness about Environmental Sustainable Education	Number of Participants:53
9.	20.06.2024 to 26.06.2024 (36 contact hours)	VAC on Fruit and Water Quality analysis And Identification of Adulterants In Food	Value added Course organized by Chemistry Department	Student Awareness about Water Resources and Management	Number of Participants: 20 Students from Zoology and Chemistry
10.	20.06.2024 to 26.06.2024 (36 contact hours)	VAC on Insights in Mycology and Plant Pathology: from Mushroom Cultivation to Pest Management	Value added Course organized by Botany Department	Student Awareness about Water Resources and Management	Number of Participants: 62
11.	27.09.23.	NSS Unit of Barasat Government College has observed NSS Day on The Programme started with Campus Cleaning by the NSS Volunteers. Bleaching powder and Phenyl were given in several areas for Preventing Dengue. In collaboration with Botany Department, Plantation and establishment of Medicinal Garden were performed	Student build up Programme	NSS Day Celebration	Number of Participants: 85 NSS volunteers
12.	02.12.2023	Weeding & Maintenance of Medicinal Plants	Student build up Programme	Awareness Programme within campus	Number of participants:08 https://bgc.ac.in/pdf/nss/2022-23%20Report NSS,%20BGC,%20NAAC.pdf

1. Dengue and Vector Borne disease Awareness Poster Competition on 22.08.2023


 GOVERNMENT OF WEST BENGAL
BARASAT GOVERNMENT COLLEGE
 POST GRADUATE DEPARTMENT OF BOTANY
 10, K.N.C. Road, Barasat, Kolkata - 700124, West Bengal, India
 Phone: (033) 2552 3365, Fax: (033) 2562 5053, Website: www.bgc.org.in, E-Mail: principal@bgc.org.in

Dt: 28.08.23

To

The Principal
 Barasat Government College
 10 KNC Road, Barasat, Kol-124

Appreciates the
 efforts

Respected Sir,

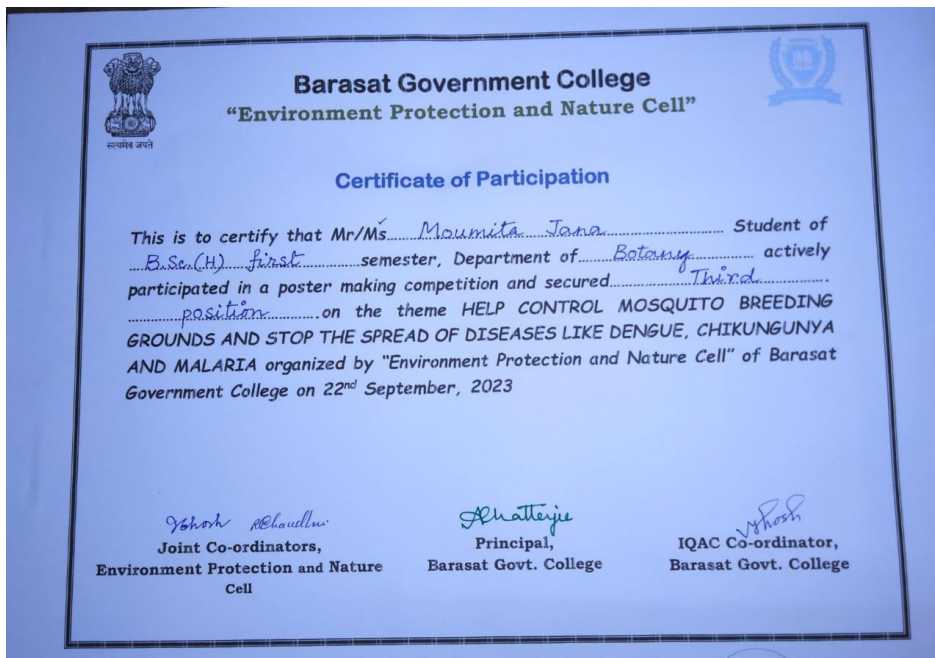
This is to inform you that in context with a rise in vector borne diseases like Dengue, Malaria and Chikungunya in the North 24 Parganas District, "Environment Protection and Nature cell", Barasat Govt. College wishes to organise a poster and slogan making drive among PG and UG students as a part of "Dengue Awareness Programme".

22/08/23

We shall be obliged if you kindly permit to arrange such an event at the college campus on September and do the necessary arrangements.

Thanking You,

Convenor,
 Environment Protection and Nature cell
Shanku
 Dr. Jayati Ghosh & Ritoparna Kundu Chaudhuri



2. Water and Energy Conservation Awareness Programme and Student Seminar Arranged By Environment Protection and Nature cell (Nature Club students from Botany, Zoology and Chemistry participated)

To
The Principal
Barasat Government College
10 KNC Road, Barasat
700124

*Maybe Professor of
2024
01/04/24*

Date... 1.04.2024

Subject : (Organization of a Seminar and Awareness Programme on Energy and Water Conservation by Environment Protection and Nature cell in Collaboration with IQAC)

Sir,

This is for your kind information that Environment Protection and Nature Cell is going to arrange a seminar and student awareness programme on 5.04.2024 in Collaboration with IQAC, Barasat Government College, on conservation of energy and water.

Dr. Dhananjay Roy, Associate Professor in Physics, Barasat Government College, would speak on the topic "Energy conservation for sustainable Future", followed by oral presentation by Nature Club students of Botany, Zoology and Chemistry on conservation of water at Botany Seminar room. Kindly allow us to arrange for the same as mentioned above.

Thanking You
Yours Sincerely,
Dr. Jayati Ghosh (Joint Convener, Environment protection and Nature Cell)
Dr. Rituparna Kundu Chaudhuri (Joint Convener, Environment protection and Nature Cell)

*Jayati Ghosh 01/04/24
Rituparna Kundu Chaudhuri 1/04/2024*

BARASAT GOVERNMENT COLLEGE

The Environment Protection and Nature Cell of Barasat Government College in collaboration with IQAC, is going to organize a seminar on....

"SAVE WATER, SAVE ENERGY"

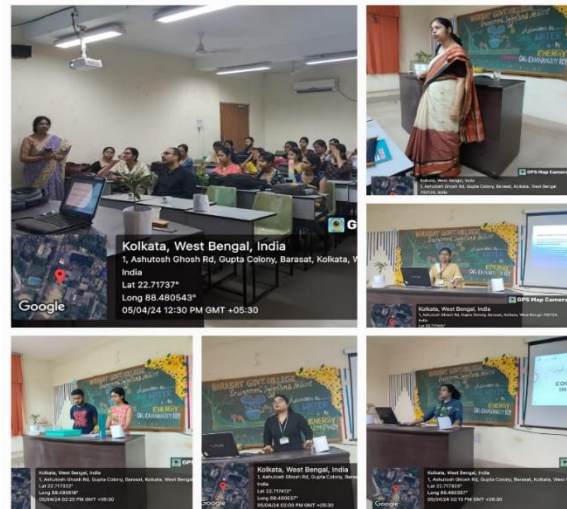
PATRON- PROF. SAMAR CHATTOPADHYAY
PRINCIPAL, BARASAT GOVERNMENT COLLEGE

SPEAKER- DR. DHANANJOY ROY
ASSOCIATE PROFESSOR, PG DEPT. OF PHYSICS,
BARASAT GOVERNMENT COLLEGE

TOPIC 1- ENERGY CONSERVATION FOR SUSTAINABLE FUTURE

Oral Presentation by student volunteers on
TOPIC 2- WATER CONSERVATION AND MANAGEMENT IN DAILY LIFE
DEPARTMENT OF BOTANY, ZOOLOGY AND CHEMISTRY

05.04.24 | 12:00 PM
VENUE- BOTANY SEMINAR HALL



"Save Water Save Energy" Seminar

Sl. no.	Name of Teachers	Signature	Date
1.	Jayati Ghosh (Zoology)	Jayati Ghosh	05.04.24
2.	Rituparna Kundu Chaudhuri (Botany)	Rituparna Kundu Chaudhuri	05.04.2024
3.	Soma Naha (Zoology)	Soma Naha	05.04.24
4.	Dr. ABHIDIT DE (Physics)	Dr. Abhudit De	05.04.2024
5.	Dr. Balaram Das (History)	Balaram Das	05.04.2024
6.	Dr. Subhankar Mukhopadhyay (Botany)	Dr. Subhankar Mukhopadhyay	05.04.2024
7.	Dibyendu Sekhar Mahanta (Chemistry)	Dibyendu Sekhar Mahanta	05.04.2024
8.	Dr. Gargi Sengupta	Gargi Sengupta	05.04.2024
9.	Dr. Subhankar Mukhopadhyay	Dr. Subhankar Mukhopadhyay	05.04.2024
10.	Dr. Subhankar Mukhopadhyay	Dr. Subhankar Mukhopadhyay	05.04.2024
11.	Mihir Hazra	Mihir Hazra	05.04.2024
12.	Sanku Kumar	Sanku Kumar	05.04.2024
13.	Dr. Sonali Ray (Zoology)	Dr. Sonali Ray	05.04.24

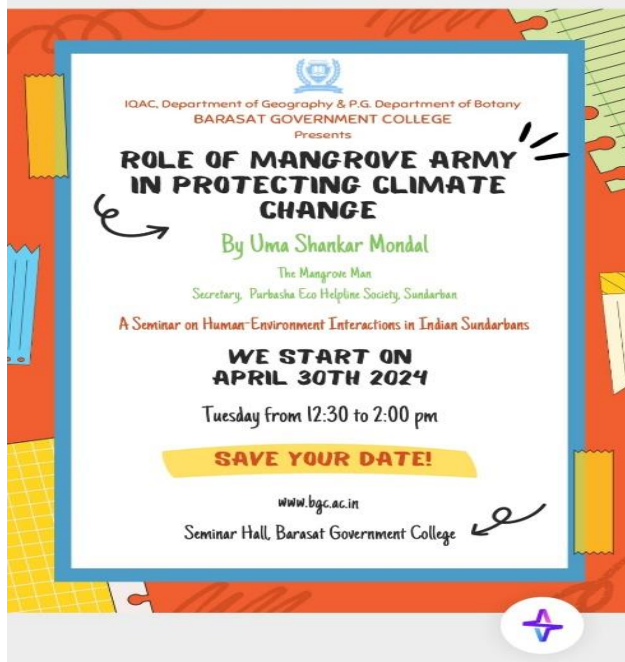
Seminar on Save Water Save Energy

Name of the speaker: Dr. Dhananjay Roy Date: 05.04.24

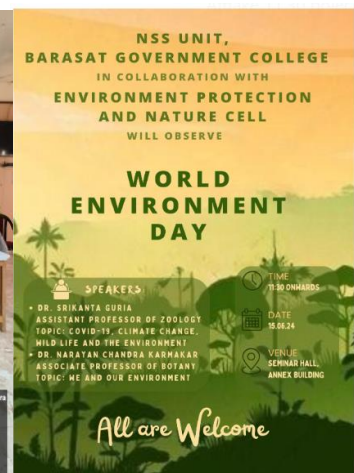
Place: Barasat Government College

Sl. no.	Name of the student	Signature
1.	Sophia Akter (Zoology)	Sophia Akter
2.	Trishita Das (Zoology)	Trishita Das
3.	Trishita Das (Zoology)	Trishita Das
4.	Trishita Das (Zoology)	Trishita Das
5.	Trishita Das (Zoology)	Trishita Das
6.	Trishita Das (Zoology)	Trishita Das
7.	Trishita Das (Zoology)	Trishita Das
8.	Trishita Das (Zoology)	Trishita Das
9.	Trishita Das (Zoology)	Trishita Das
10.	Trishita Das (Zoology)	Trishita Das
11.	Trishita Das (Zoology)	Trishita Das
12.	Trishita Das (Zoology)	Trishita Das
13.	Trishita Das (Zoology)	Trishita Das
14.	Trishita Das (Zoology)	Trishita Das
15.	Trishita Das (Zoology)	Trishita Das
16.	Trishita Das (Zoology)	Trishita Das
17.	Trishita Das (Zoology)	Trishita Das
18.	Trishita Das (Zoology)	Trishita Das
19.	Trishita Das (Zoology)	Trishita Das
20.	Trishita Das (Zoology)	Trishita Das
21.	Trishita Das (Zoology)	Trishita Das
22.	Trishita Das (Zoology)	Trishita Das
23.	Trishita Das (Zoology)	Trishita Das
24.	Trishita Das (Zoology)	Trishita Das
25.	Trishita Das (Zoology)	Trishita Das
26.	Trishita Das (Zoology)	Trishita Das

3. Seminar on Climate Change Resilience by Mangrove Plants, organized by Botany and Geography Department



5. Celebration of World Environment Day (5.06. 2024) on 15.06 2024 by NSS and Environment Protection and Nature Cell



6. Celebration of World Wildlife Day and World Environment Day by Department of Zoology on 18.06.2023

Academic Seminar on the occasion of **World Wildlife Day & World Environment Day** organized by Post Graduate Department of Zoology, Barasat Govt. College in association with IQAC, Barasat Govt. College will be held on **18th June, 2024**

Speaker:

DR. BULGANIN MITRA, Former Scientist C, Zoological Survey of India, Emeritus Professor, Department of Zoology, Ramakrishna Mission Vivekananda Centenary College (Autonomous), Rahara

TOPICS OF THE PRESENTATION

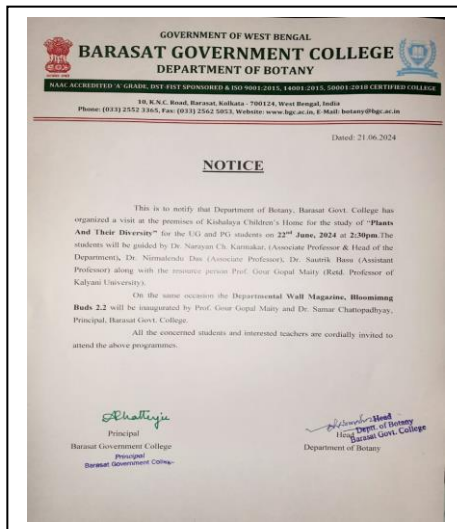
1. FOUR DECADES OF INDIAN SCIENTIFIC EXPEDITIONS AND CLIMATE CHANGE IN ANTARCTICA
2. THE GALÁPAGOS' WILDLIFE EXPERIENCES – A BEGINNER'S GUIDE



A Phatterjee
Principal
Barasat Govt. College
Govt. of West Bengal



7. Celebration of **International Biological Diversity Day** on 22.05.2023, through field visit at Kishalaya Orphanage home for documentation of Biodiversity and Wall Magazine “**Blooming Buds 2.2**” inauguration



Field Visit on "Plants and their diversity" dated: 22.06.24
 Resource Person: Prof. G. G. Maity (Retired Prof. of Botany, Kalyani University)

Sl. No.	NAME	CLASS & Semester	Signature
1.	Ayaz Biswas	UG Bot VI	Ayaz Biswas
2.	Sanghata Ghosh	UG Bot VI	Sanghata Ghosh
3.	Krishnendu Sankar	PG Sem II	Krishnendu Sankar
4.	Mihna Kabari	PG Sem III	Mihna Kabari
5.	Abanika Das	PG Sem II	Abanika Das
6.	Mohang Biswas	PG Sem II	Mohang Biswas
7.	Sneha Bhattacharya	PG Sem II	Sneha Bhattacharya
8.	Sreerupa Bhattacharya	PG Sem II	Sreerupa Bhattacharya
9.	Sarali Bhattacharya	PG Sem II	Sarali Bhattacharya
10.	Ranika Das	PG Sem II	Ranika Das
11.	Sarali Ghosh	PG Sem II	Sarali Ghosh
12.	Sabani Mandal	PG Sem II	Sabani Mandal
13.	Ayaz Biswas	PG Sem II	Ayaz Biswas
14.	Sneha Bhattacharya	PG Sem II	Sneha Bhattacharya
15.	Dhruwan Das	PG Sem II	Dhruwan Das
16.	Sanghata Chatterjee	PG Sem II	Sanghata Chatterjee
17.	Pranika Ghosh	PG Sem II	Pranika Ghosh
18.	Shobhona Mandal	PG Sem II	Shobhona Mandal
19.	Sudip Kongsamuk	PG Sem II	Sudip Kongsamuk
20.	Rishi Padua	PG Sem II	Rishi Padua
21.	Purnim Sengupta	PG Sem II	Purnim Sengupta
22.	Akash Das	PG Sem II	Akash Das

A. Chatterjee
Principal
 Barasat Govt. College
 Govt. of West Bengal



8.VAC organized by Geography and Chemistry department on Environmental Education and sustainable Development



INFORMATION BROCHURE

DEPARTMENT OF GEOGRAPHY
BARASAT GOVERNMENT COLLEGE
MAAC ACCREDITED WITH 'A' GRADE & DISTRICT SPONSORED COLLEGE

PRESENTS

VALUE ADDED COURSE

**ENVIRONMENTAL
EDUCATION
AND
SUSTAINABLE
DEVELOPMENT**

BGC/GEOVAC001/23-24

EXPERIENCED
FACULTIES

INTERACTIVE
CLASSES

36 CONTACT HOURS

**JUNE
18-25, 2024**

FROM 10:30 AM IST

APPLY NOW

www.bgc.ac.in
bgc.geographydept@gmail.com

INTERDISCIPLINARY MODULES

CERTIFICATE ON SUCCESSFUL COMPLETION

TEACHING, LEARNING AND EVALUATION

JOB-ORIENTED MENTORING

INTAKE CAPACITY: 60

INCREASING EMPLOYABILITY

CONTEMPORARY IMPORTANCE

9.VAC organized by Chemistry Department Fruit and water Quality analysis, Identification of adulterants in Food (20th to 26th June 2024)



DEPARTMENT OF CHEMISTRY
BARASAT GOVERNMENT COLLEGE
OFFERS
VALUE ADDED COURSE
ON

**FRUIT AND WATER
QUALITY ANALYSIS AND
IDENTIFICATION OF
ADULTERANTS IN FOOD**

20 - 26TH JUNE, 2024

chemistry@bgc.ac.in

10. VAC organized by Chemistry Department Fruit and water Quality analysis,
Identification of adulterants in Food (20th to 26th June 2024)



BARASAT GOVERNMENT COLLEGE

POST GRADUATE DEPARTMENT OF BOTANY

VALUE ADDED COURSE

ON

**INSIGHTS IN MYCOLOGY AND PLANT PATHOLOGY:
FROM MUSHROOM CULTIVATION TO PEST MANAGEMENT**

MAY 17-24, 2024

Chief patron
Dr. Samar Chattopadhyay
Principal
Barasat Govt. College



Venue: Departmental Seminar Room
Certificates on successful completion of the course
Course Coordinator: Dr. Anuradha Bandopadhyay
Contact no: 8910848697
Last date of registration: 16.05.2024
Registration Link: <https://forms.gle/p4SenTtZ5vgZJVxn7>



10.NSS day celebration through Campus cleaning and Plantation on 27.09.2023



11.Weeding and maintenance of medicinal Plants on 2.12.2023 by NSS volunteers



A Phatterjee
Principal
Barasat Govt. College
Govt. of West Bengal



RAIN WATER HARVESTING AND GROUND WATER RECHARGING

4

The unit has not been installed till date. The proposal has been sanctioned: Document for sanction letter and approval has been obtained from Higher Education Department. The work is in progress.

Higher Education Department

Memo No:GO2324015928HE
File No:HEd-16011(11)J4/2024-CG

Date: 15/03/2024

This order is issued with the concurrence of FINANCIAL ADVISOR (Higher Education) of this Department vide their / his U.O No. AA2324040127FA00 Dated 22/02/2024.

From:- DEPUTY SECRETARY
Higher Education
GOVERNMENT OF WEST BENGAL
Higher Education

To: The
Director, State Water Investigation Directorate (SWID)

Subject:Administrative Approval for the Roof top Rain Water Harvesting and Recharging System at Barasat Govt.College ,Project ID:- HE232415189S000

The undersigned is directed, by order of the Governor, to say that the Governor has been pleased to accord Administrative Approval for the Project Roof top Rain Water Harvesting and Recharging System at Barasat Govt.College ,the details of which has been given below.

Name of the Project: Roof top Rain Water Harvesting and Recharging System at Barasat Govt.College

Project ID: HE232415189S000

Address : Barasat Govt.College

Administrative Approval: Rs 1385584 (Thirteen Lakh Eighty Five Thousand Five Hundred Eighty Four Only.)

Phasing amount and chargeable head of accounts

Sl No.	Financial Year	Head	Scheme Type	Scheme Name	Amount
1	2023-24	70-4202-01-203-00-004-53-00-V	State Development Schemes	Development of other Government Colleges (Higher)	1385584
Total					1385584

DEPUTY SECRETARY
Government of West Bengal
Higher Education Department

Memo No: GO2324015928HE

Date: 15/03/2024

Copy forwarded for information and necessary action:

The Principal Secretary / Secretary-(Higher Education)

The Principal Accountant General(A&E)-WestBengal

The Principal Accountant General(Audit)-WestBengal

The Principal Accountant General(RWLBA)-WestBengal

The Financial Advisor-(Higher Education)

The Finance department-(Group GR1)

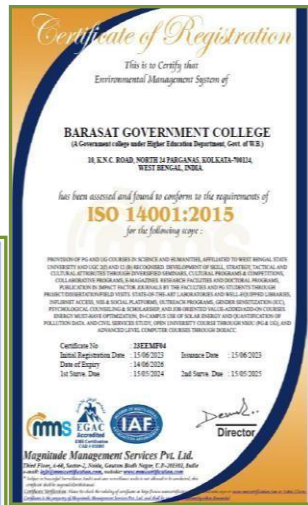
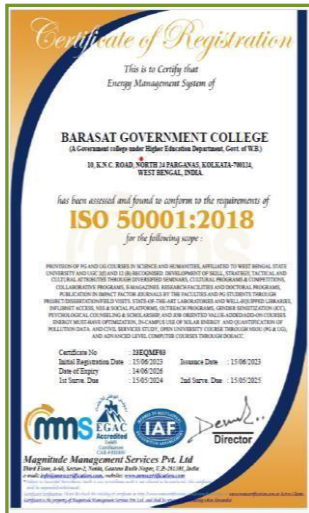
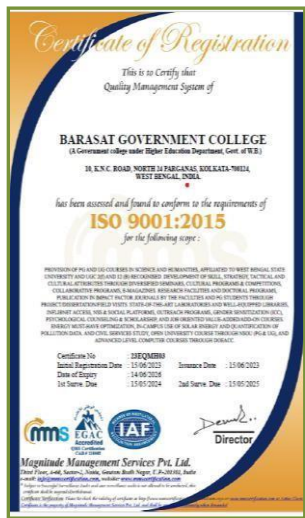
The Principal O-I-C-Barasat Govt.College

The Executive engineer (A-I)-SWID-III, Krishnagar, Nadia

DEPUTY SECRETARY
Government of West Bengal
Higher Education Department

AAFS - WBIFMS

ISO Certifications




Principal
 Barasat Govt. College
 Govt. of West Bengal



FUTURE SUGGESTIONS FOR BETTER ENVIRONMENT AT COLLEGE CAMPUS AND SURROUNDINGS

1. Energy efficient Solar panels should be installed at Annexe and Library building for efficient energy utilization and economical benefits.
2. More plantation at the campus is required to bring about carbon neutrality
3. Present status of Medicinal plant garden needs to be improved by adding other rare and endangered plants and enrich campus diversity. This would provide an opportunity for the college to be recognized as a germplasm preservation Centre in future.
4. Vermicompost bed has been proposed to increase in yield.
5. A butterfly garden could be designed and formed. This would assist in beautification of the college campus as well as enrich campus faunal diversity.
6. All the stakeholders including students, teachers, and nonteaching staff members would be encouraged to use carbon neutral vehicle to commute to college and further minimize the carbon emission data.
7. Rain Water Harvesting and Ground Water Recharging facility will be installed. Higher authority approval has been received, work is in progress.
8. Attaching of QR codes to the plants at medicinal plant garden to know about the intrinsic medicinal properties of the plants has been proposed.
9. More programmes related to sensitization regarding environmental issues needs to be organized at regular frequency within and beyond campus.
13. Various outreach programmes in relation to field visit needs to be carried out more often to gather the knowhow about neighbourhood field conditions and efforts would be given to disseminate knowledge and encourage sustainable practices among farmers.

A. Chatterjee
Principal
Berasat Govt. College
Govt. of West Bengal



