



DEPARTMENT OF GEOGRAPHY

DHUPGURI GIRLS' COLLEGE

College Para, Ward No-1, Dhupguri, Jalpaiguri-735210

Notice

Date: 10-02-2022

All faculty members are hereby requested to join the meeting on 15-02-2022 at 3:30 PM in the Geography Department to discuss the following agenda items:

1. Launch of Add-On Course with Environmental Studies

- Discussion on the collaborative launch of the add-on course titled 'Environmental Management and Sustainability' starting from August 2021.

2. Miscellaneous

- Additional topics and issues related to the department.

Head of Department
Department of Geography
Dhupguri Girls' College

Principal
Dhupguri Girls' College
Dhupguri & Jalpaiguri

DEPARTMENT OF GEOGRAPHY
DHUPGURI GIRLS' COLLEGE



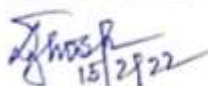
College Para, Ward No-1, Dhupguri, Jalpaiguri-735210


Resolution

It has been resolved that the add-on course titled '*Environmental Management and Sustainability*' will commence from March, 2022. This course will be offered jointly by the Department of Geography and the Department of Environmental Science, focusing on improving students' field-based engagement and gaining practical knowledge.

In the miscellaneous section, it was noted that the department is successfully closing the academic session 2022-23. Additionally, the department will arrange some online classes to prepare students for practical examinations.

Signature of present members:

1. 
15/2/22
2. Sournita Saha
15/2/22


Principal
Dhupguri Girls' College
Dhupguri, Jalpaiguri



Mobile : 7001775112

DHUPGURI GIRLS' COLLEGE

DHUPGURI * JALPAIGURI * PIN-735210

E-mail : dhupgurigirlscollege1@gmail.com • Website : www.dhupgurigirlscollege.ac.in

Ref. No.....

Date.....


NOTICE

Date: 28-02-2022




The Department of Geography & Environmental Studies is excited to announce the upcoming add-on course titled '*Environmental Management and Sustainability*'. This intensive 34-hours course is designed to provide deep insights into sustainable practices and environmental management strategies. Interested students are requested to enroll by contacting Debarshi Ghosh (Geography Dept.) or Soumita Saha (Environmental Science Dept.) for registration. The deadline for enrollment is **04-03-2022**. Don't miss this opportunity to enhance your understanding and skills in environmental sustainability.

For further details, please reach out to the course coordinators.


Principal 28.02.2022

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Dhupguri, Jalpaiguri


Principal
Dhupguri Girls' College
Dhupguri, Jalpaiguri



**DEPARTMENT OF GEOGRAPHY & Environmental
Studies**

DHUPGURI GIRLS' COLLEGE

Introduces

ADD-ON COURSE

ON

'Environmental Management and Sustainability'



COURSE CONTENT DEVELOPED BY
DEPARTMENT OF GEOGRAPHY & Environmental Science
DHUPGURI GIRLS' COLLEGE
DHUPGURI, JALPAIGURI
2022-23

1. At a Glance

- **NAME OF ADD-ON COURSE:** *'Environmental Management and Sustainability'*
- **ORGANISED BY:** DEPARTMENT OF GEOGRAPHY & ENVIRONMENTAL STUDIES
- **COURSE DURATION:** 33 HRS
- **COURSE CO-ORDINATORS**

Debarshi Ghosh (Dept. of Geography), Somenath Kar (Dept. of Geography, Soumita Saha (Dept. of ENVS)

2. COURSE AIMS & OBJECTIVE

The *'Environmental Management and Sustainability'* add-on course, organized by the Department of Geography & Environmental Studies, is designed to equip participants with the knowledge and skills necessary to address contemporary environmental challenges. Through a comprehensive 32 hours curriculum, led by experts like Debarshi Ghosh, Somenath Kar, Soumita Saha, the course aims to foster a deep understanding of sustainable practices, environmental policies, and effective management strategies. It seeks to inspire actionable insights for sustainable development, emphasizing the integration of environmental management into various professional and personal contexts to achieve a more sustainable future.

3. LEARNING OUT COME OF THE COURSE

Upon completing the *'Environmental Management and Sustainability'* course, learners will have developed a comprehensive understanding of key environmental issues and sustainability principles. They will gain the ability to apply environmental management techniques and sustainability practices within various contexts, critically analyze environmental policies and contribute to sustainable solutions. This course will empower participants with the skills to effectively manage environmental resources, advocate for sustainable practices, and participate in the creation of a more sustainable future. Graduates will be well-prepared to lead or support environmental initiatives in their communities or workplaces.

Total Duration of Course: 33 Hours.
Course Fee: Nil
No. of Seats: Maximum 35

4. COURSE CONTENT

SL.NO	TOPIC	HOURS	DATE	TIME	RESOURCE PERSON
1	Introduction to Environmental Management	2	07-03-2022	3PM-5PM	Debarshi Ghosh
2	Principles of Sustainability	2	11-03-2022	3PM-5PM	Soumita Saha
3	Environmental Policies and Regulations	2	17-03-2022	3PM-5PM	Somenath Kar
4	Waste Management and Recycling	2	29-03-2022	3PM-5PM	Debarshi Ghosh
5	Water Resource Management	2	07-04-2022	3PM-5PM	Somenath Kar
6	Air Quality Management	2	13-04-2022	3PM-5PM	Debarshi Ghosh
7	Climate Change and its Impact	2	19-04-2022	3PM-5PM	Soumita Saha
8	Renewable Energy Sources	2	22-04-2022	3PM-5PM	Somenath Kar
9	Biodiversity and Conservation	2	05-05-2022	3PM-5PM	Soumita Saha
10	Environmental Impact Assessment	2	11-05-2022	3PM-5PM	Somenath Kar
11	Sustainable Urban Planning	2	17-05-2022	3PM-5PM	Debarshi Ghosh
12	Environmental Ethics and Awareness	2	24-05-202	3PM-5PM	Soumita Saha
13	Green Technology and Innovation	2	30-05-2022	3PM-5PM	Somenath Kar
14	Sustainable Agriculture Practices	1	03-06-2022	3PM-4PM	Debarshi Ghosh
15	Case Studies on Environmental Management (Practical)	2	09-06-2022	3PM-4PM	Somenath Kar
16	Field Study (Project cum practical)	3	12-06-2022 & 18-06-2022		All
17	Course end examination (MCQ)	1	24-06-2022		All

5. COURSE STRUCTURE AND EXAMINATION SCHEME

Course Name	Theory Class(Hours) (Including exam)	Practical Class (Hours)	Project Report	Examination			Total Marks
				Theory (MCQ)	Practical (Project)	Viva _voce	
Environmental Management and Sustainability	30	03	01	20	20	10	50

(Total marks will be judges on 100 scale)

6. GRADING SYSTEM

Following Percentage based grading system will be applicable to the course.

Marks in Percentage	Grade
90-100	O
80-<90	A+
70-<80	A
65-<70	B+
55-<65	B
45-<55	C
40-<45	P
<40	FAIL

7. ASSESSMENT & CERTIFICATION

1. Assessment Structure

- Theory Classes (27 Hours): Core environmental management and sustainability concepts.
- Practical Classes (5 Hours): Application through case studies and real-world scenarios.
- Project Report: Individual project showcasing applied knowledge.

2. Examinations

- Theory (MCQ) (20 Marks): Test on theoretical understanding.
- Practical (Project) (20 Marks): Evaluation of practical application skills.
- Total Marks: Evaluated on a 100 scale for a comprehensive assessment.

3. Certification Process

- Evaluation Based on theory, practical exams, and project report.
- Grading System: Ranges from "O" (Outstanding) to "FAIL" for scores below 40%.
- Certificate Distribution: Awarded to students who pass, recognizing their achievement and readiness to contribute to environmental sustainability.

8. List of Enrolled Students

SL	NAME	REG. NO
1	RIMA ROY	1001905010094
2	SUFALA CHAKRABORTY	1001905010093
3	JHARNA SARKAR	1001905010098
4	TANUSHREE ADHIKARY	1001905010096
5	FALGUNI CHOWDHURY	1009180501036
6	APARNA ROY	1001806010006
7	ASMA KHATUN	109180601008
8	BEAUTY ROY	1001905010096
9	BHUMIKA ROY	1001905010096
10	INDRANI ROY	1001905010096
11	MUNMUN ROY	1001905010096
12	MOUSUMI DAS	1001905010096
13	KANIKA MANDAL	1001905010096
14	PUNAM MANDAL	1001905010096
15	SUSMITA GHOSH	1001905010096
16	RAIENA BANU	1001905010096
17	PRIYA NANDI	1001905010096
18	HIMANI ROY	1001905010096
19	RUPALI ROY	1001905010096
20	SHREYA ACHARJEE	1001905010096
21	PRIYA ROY	1001905010096
22	SUKLA SARKAR	1001905010096
23	PAMPA ROY	1001905010096
24	BABITA SARKAR	1001905010096
25	JAYA BARMAN	1001905010096
26	PAYEL SARKAR	1001905010096
27	JHILIK SAHA	1001905010096
28	KABITA ROY	1001905010096
29	SABINA PARVIN	1001905010096

9. PROGRAMME REPORT

The Department of Geography & Environmental Studies successfully concluded its "Environmental Management and Sustainability" add-on course on March 30, 2019. The course, designed to address the pressing issues of environmental management and promote sustainable practices, witnessed enthusiastic participation from 31 students, including 3 from the Geography program. Over 32 hours, the program unfolded an in-depth exploration of topics crucial for fostering environmental stewardship among students.

● Course Overview

Spanning across **27 hours** of theory and **5 hours** of practical classes, the course integrated a comprehensive curriculum focusing on waste management, climate change, sustainable agriculture practices, and more. The diverse topics were delivered through 16 meticulously planned sessions, conducted by esteemed resource persons. These sessions ranged from "Introduction to Environmental

Management" to "Sustainable Urban Planning" and "Green Technology and Innovation," each designed to install a profound understanding of environmental issues and sustainable solutions.

The practical component of the course, including case studies and a field study project, allowed students to apply theoretical knowledge to real-world scenarios, enhancing their learning experience. The course culminated in a multiple-choice question (MCQ) examination and a practical project, together contributing to a total of 50 marks, assessed on a 100-point scale.

- **Grading and Results**

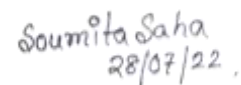
The grading system was structured to reflect the achievements of the students accurately, ranging from "O" for outstanding performance to "FAIL" for scores below 40%. The final examination results were commendable, with 17% of students achieving an "A+" grade, 49% securing an "A", 32% receiving a "B+", and a remarkable 2% attaining the "O" grade. A total of **18** candidates appeared for the final examination, demonstrating a high level of comprehension and skill.

- **Impact and Conclusion**

The "*Environmental Management and Sustainability*" course has been a significant step toward empowering students with the knowledge and skills necessary for environmental stewardship. It has not only broadened their understanding of critical environmental issues but also equipped them with the tools to implement sustainable solutions in their communities. The program's success is a beacon of hope for fostering environmental awareness and responsibility among future generations, encouraging them to contribute positively to the planet's well-being. As we reflect on the course's achievements, it's clear that the initiative has laid a solid foundation for nurturing informed, responsible, and proactive environmental stewards. The Department of Geography & Environmental Studies remains committed to advancing this mission, inspired by the positive outcomes of the course and the potential for even greater impacts in the future.



Dr. Debarshi Ghosh
HoD, Dept. of Geography

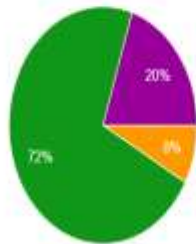


Soumita Saha
HoD, Dept. of ENVS

10. STUDENTS FEEDBACK

OVERALL SATISFACTION WITH THE COURSE

25 responses



- VERY UNSATIS
- UNSATISFIED
- NEUTRAL
- SATISFIED
- VERY SATISFIED

QUALITY OF COURSE CONTENT

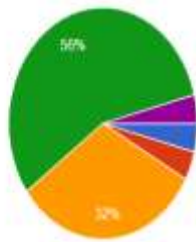
25 responses



- VERY POOR
- POOR
- AVERAGE
- GOOD
- EXCELLEN

EFFECTIVENESS OF TEACHING METHODS

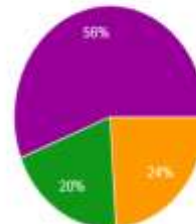
25 responses



- VERY EFFECTIVE
- INEFFECTIVE
- NEUTRAL
- EFFECTIVE
- Option 5

Practical Application of Knowledge

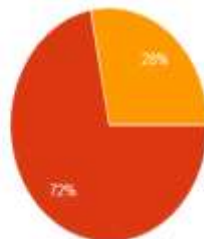
25 responses



- Never Applicable
- Rarely Applicable
- Sometimes Applicable
- Often Applicable
- Always Applicable

Interaction with Resource Persons

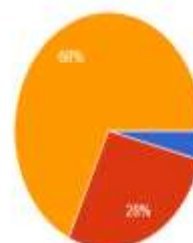
25 responses



- Unengaged
- Engaged
- Very Engaged

Overall Impact on Understanding of Environmental Management and Sustainability

25 responses



- Slight Impact
- Moderate Impact
- Significant Impact

Appendix

SAMPLE QUESTIONNAIRE OF LOCAL AREA SURVEY

Date:

1. General Awareness and Perceptions:

- How would you rate your awareness of environmental issues in our local area?
i. Highly aware, ii. Moderately aware, iii. Less aware
- Can you identify any specific environmental challenges our local area faces?

Write.....

2. Local Environmental Policies:

- Are you aware of any local environmental policies or regulations on-
i. Waste management, ii. Water management, iii. Air Quality
- How effective do you believe these policies are in addressing environmental issues?
i. Excellent, ii. Good, iii. Moderate, iv. poor

3. Waste Management:

- How do you manage household waste (recycling, composting, etc.)?
i. Regular, ii. irregular
- Have you noticed any local problems related to waste management?

i. Yes, ii. No

4. Water and Air Quality:

- Have you experienced any health issues that you believe are related to water or air quality?
i. Yes, ii. No

5. Community Engagement: i. Yes, ii. No

6. Have you participated in any local environmental initiatives or projects?


i. Yes, ii. No

6. Sustainability Practices:

Are you aware of any sustainable practices being implemented in our local area (e.g., renewable energy, sustainable agriculture)? Yes/No

7. Climate Change Impacts:

Have you observed any impacts of climate change in our local area? Yes/No


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8. Education and Awareness:

How well do you think local schools and educational institutions incorporate environmental education?

- i. Good, ii. Moderate, iii. poor

What additional resources or programs would help improve environmental awareness in our community?

9. Future Perspectives:

What are your main concerns regarding the future of our local environment?

ADD-ON COURSE

ON

'Environmental Management and Sustainability'

(Department of Geography & Environmental Studies)

MCQ Type Question Paper

DATE OF EXAMINATION:

Full marks: 20

Time: 1 Hour

NAME OF THE STUDENT:

SEMESTER:

DEPARTMENT:

1. What is the primary goal of Environmental Management?

- A) To increase industrial output
- B) To conserve natural resources
- C) To regulate urban development
- D) To improve public health

2. Which principle of sustainability emphasizes not compromising future generations' ability to meet their needs?

- A) Equity
- B) Interdependence

C) Long-term perspective

D) Precautionary principle

3. What legislation is often used to regulate air quality?

A) Clean Water Act

B) Air Quality Act

C) Endangered Species Act

D) Resource Conservation Act

4. Which method is NOT a form of waste recycling?

A) Composting

B) Incineration

C) Landfilling

D) Anaerobic digestion

5. What is a primary focus of Water Resource Management?

A) Increasing water consumption

B) Decreasing groundwater recharge

C) Ensuring sustainable water use

D) Promoting water privatization

6. What is a common measure to improve air quality?

A) Increasing vehicle emissions

B) Reducing the use of public transport

C) Implementing emission reduction technologies

D) Promoting industrial growth

7. What is a significant impact of climate change?

A) Reduced biodiversity

B) Increased global cooling

C) Decreased sea levels

D) Enhanced agricultural productivity

8. What type of energy is considered renewable?

- A) Coal
- B) Natural Gas
- C) Wind
- D) Nuclear

9. Why is biodiversity important?

- A) It increases reliance on single species
- B) It ensures ecosystem resilience
- C) It promotes monoculture practices
- D) It decreases ecosystem services

10. What is the purpose of an Environmental Impact Assessment?

- A) To increase the efficiency of project approval
- B) To ignore environmental considerations
- C) To assess the environmental implications of projects
- D) To reduce public participation in environmental decisions

11. What is a key element of Sustainable Urban Planning?

- A) Encouraging urban sprawl
- B) Reducing green spaces
- C) Promoting mixed-use development
- D) Increasing car dependency

12. Which concept is central to Environmental Ethics?

- A) Anthropocentrism
- B) Biocentrism
- C) Technocentrism
- D) Ecocentrism

13. What innovation is associated with Green Technology?

- A) Fossil fuel extraction
- B) Solar panels
- C) Plastic use

D) Coal mining

14. Which practice is NOT part of Sustainable Agriculture?

A) Chemical pesticide use

B) Crop rotation

C) Organic farming

D) Integrated pest management

15. What is a benefit of studying Case Studies on Environmental Management?

A) Ignoring local environmental issues

B) Learning from real-world examples

C) Promoting standardized solutions

D) Discouraging innovation

16. What is the focus of a Local Survey in environmental studies?

A) Collecting data on global trends

B) Understanding specific local environmental conditions

C) Promoting international policies

D) Ignoring community input

17. What type of questions are typically found in an environmental management examination?

A) Open-ended

B) Multiple Choice (MCQ)

C) Essay

D) True/False

18. What is NOT a goal of Environmental Management?

A) Enhancing ecosystem services

B) Maximizing resource extraction

C) Preventing pollution

D) Conserving biodiversity

19. What does the precautionary principle advocate?

A) Taking action in the absence of scientific certainty

B) Waiting for conclusive scientific evidence

C) Ignoring potential

D) Conserving biodiversity

20. What strategy is most effective for engaging the community in environmental conservation efforts?


A) Mandatory participation in conservation projects

B) Financial incentives for eco-friendly practices

C) Educational workshops and awareness campaigns

D) Strict enforcement of environmental laws

Signature of the evaluator(s)


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Dhugguri & Jalpaiguri

SAMPLE CERTIFICATE OF PERTICIPATION

Certificate of Participation

CERTIFICATE COURSE ON
'ENVIRONMENTAL MANAGEMENT & SUSTAINABILITY'
Organized by
DEPT. OF GEOGRAPHY & ENVIRONMENTAL STUDIES



This is to certify that Miss/Smt. **RIMA ROY** of **DEPT. OF GEOGRAPHY**

has successfully participated in the Certificate course on **'Environmental Management & Sustainability'** held from 7th March, 2022 to 24th June, 2022 and at Dhupguri Girls' College. The candidate has secured 84.0% with grade 'A+'.

<i>Soumita Saha</i> Soumita Saha Course Coordinator Dhupguri Girls' College	<i>Dr. Debarshi Ghosh</i> Dr. Debarshi Ghosh Course Coordinator HoD, Dept. of Geography	<i>Dr. Bijoy Debnath</i> Dr. Bijoy Debnath Principal Dhupguri Girls' College
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Certificate of Participation

CERTIFICATE COURSE ON
'ENVIRONMENTAL MANAGEMENT & SUSTAINABILITY'
Organized by
DEPT. OF GEOGRAPHY & ENVIRONMENTAL STUDIES



This is to certify that Miss/Smt. **RUPALI ROY** of **PROGRAMME COURSE**


has successfully participated in the Certificate course on **'Environmental Management & Sustainability'** held from 7th March, 2022 to 24th June, 2022 and at Dhupguri Girls' College. The candidate has secured 50.0% with grade 'C'.

<i>Soumita Saha</i> Soumita Saha Course Coordinator Dhupguri Girls' College	<i>Dr. Debarshi Ghosh</i> Dr. Debarshi Ghosh Course Coordinator HoD, Dept. of Geography	<i>Dr. Bijoy Debnath</i> Dr. Bijoy Debnath Principal Dhupguri Girls' College
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ADD-ON COURSE
ON
'Environmental Management and Sustainability'

(Department of Geography & Environmental Studies)

COURSE FEEDBACK FORM

ADD-ON COURSE ON 'Environmental Management and Sustainability' (Department of Geography & Environmental Studies) <u>COURSE FEEDBACK FORM</u>			
1. Overall Satisfaction with the Course Very Unsatisfied Unsatisfied Neutral Satisfied <input checked="" type="checkbox"/> Very Satisfied	2. Quality of Course Content Very Poor Poor Average Good <input checked="" type="checkbox"/> Excellent	3. Effectiveness of Teaching Methods Very Ineffective Ineffective Neutral Effective <input checked="" type="checkbox"/> Very Effective	
4. Practical Application of Knowledge Never Applicable Rarely Applicable Sometimes Applicable <input checked="" type="checkbox"/> Often Applicable Always Applicable	5. Interaction with Resource Persons Very Unengaged Unengaged Neutral Engaged <input checked="" type="checkbox"/> Very Engaged	6. Overall Impact on Understanding of Environmental Management and Sustainability No Impact Slight Impact Moderate Impact <input checked="" type="checkbox"/> Significant Impact Transformative Impact	

RIMA ROY
 Roll - 130
 Reg. No - 1091905010094



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Photo Gallery



Rhona
Principal
Dhuggur Girls' College
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Enrollment Form



DHUPGURI GIRLS' COLLEGE
Student Enrolment Form for Add-On Course
On
"Environmental Management and Sustainability."

Organized by
Department of Geography & Environmental Studies

Please complete this form in BLOCK LETTERS. All fields are mandatory unless stated otherwise.

Personal Information

1. Full Name: RIMA ROY
2. Department: Geography
3. Semester 5th
4. Registration Number: 1091905010094
5. Roll No. 130


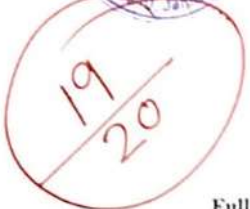
Declaration:

I hereby declare that the information provided above is accurate and complete to the best of my knowledge. I understand that any false information may result in my disqualification from the course enrollment.

Signature: Rima Roy Date: 4/3/2022


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Example Copies of Evaluated Answer-Sheets

ADD-ON COURSE
ON
'Environmental Management and Sustainability'
(Department of Geography & Environmental Studies)

MCQ Type Question Paper
DATE OF EXAMINATION:

Full marks: 20 Time: 1 Hour

NAME OF THE STUDENT: RIMA ROY
SEMESTER: 5th
DEPARTMENT: Geography

1. What is the primary goal of Environmental Management?
A) To increase industrial output
B) To conserve natural resources ✓ (01)
C) To regulate urban development
D) To improve public health

2. Which principle of sustainability emphasizes not compromising future generations' ability to meet their needs?
A) Equity
B) Interdependence ✓ (01)
C) Long-term perspective
D) Precautionary principle

3. What legislation is often used to regulate air quality?
A) Clean Water Act
B) Air Quality Act ✓ (01)
C) Endangered Species Act
D) Resource Conservation Act

4. Which method is NOT a form of waste recycling?
A) Composting ✓ (01)
B) Incineration


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- A) To increase the efficiency of project approval
- B) To ignore environmental considerations
- C) To assess the environmental implications of projects
- D) To reduce public participation in environmental decisions

01

11. What is a key element of Sustainable Urban Planning?

- A) Encouraging urban sprawl
- B) Reducing green spaces
- C) Promoting mixed-use development
- D) Increasing car dependency

01

12. Which concept is central to Environmental Ethics?

- A) Anthropocentrism
- B) Biocentrism
- C) Technocentrism
- D) Ecocentrism

01

13. What innovation is associated with Green Technology?

- A) Fossil fuel extraction
- B) Solar panels
- C) Plastic use
- D) Coal mining

01

14. Which practice is NOT part of Sustainable Agriculture?

- A) Chemical pesticide use
- B) Crop rotation
- C) Organic farming
- D) Integrated pest management

01

15. What is a benefit of studying Case Studies on Environmental Management?

- A) Ignoring local environmental issues
- B) Learning from real-world examples
- C) Promoting standardized solutions

01

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C) Landfilling

D) Anaerobic digestion

5. What is a primary focus of Water Resource Management?

A) Increasing water consumption

B) Decreasing groundwater recharge

C) Ensuring sustainable water use

D) Promoting water privatization

6. What is a common measure to improve air quality?

A) Increasing vehicle emissions

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D) Discouraging innovation

16. What is the focus of a Local Survey in environmental studies?

A) Collecting data on global trends

B) Understanding specific local environmental conditions

C) Promoting international policies

D) Ignoring community input

01

17. What type of questions are typically found in an environmental management examination?

A) Open-ended

B) Multiple Choice (MCQ)

C) Essay

D) True/False

01

18. What is NOT a goal of Environmental Management?

A) Enhancing ecosystem services

B) Maximizing resource extraction

C) Preventing pollution

D) Conserving biodiversity

01

19. What does the precautionary principle advocate?

A) Taking action in the absence of scientific certainty

B) Waiting for conclusive scientific evidence

C) Ignoring potential

D) Conserving biodiversity

01

20. What strategy is most effective for engaging the community in environmental conservation efforts?

A) Mandatory participation in conservation projects

B) Financial incentives for eco-friendly practices

C) Educational workshops and awareness campaigns

D) Strict enforcement of environmental laws

01

Signature of the evaluator(s)

Principal
Dhugguri Girls' College
Dhugguri & Jalpaiguri



Project Report
On
House-Hold Survey on Environmental
Awareness

Submitted by:

Sufala Chakraborty
Dept. of Geography
5th Semester
Reg. No. 1091905010093

2021-22

- **Introduction**

In the face of escalating environmental challenges, understanding community perceptions and engagement with sustainability and environmental management practices is crucial. This study was conducted to gauge the awareness, perceptions, and behaviours of households in the vicinity of a college regarding a range of environmental issues. By exploring the community's awareness of environmental problems, their engagement with local policies, and their participation in sustainability initiatives, the research aims to illuminate the current state of environmental consciousness and action within this specific demographic.

- **Objective**

The primary objective of this study was to:

1. Assess Environmental Awareness and Challenges
2. Evaluate Policies and Practices:
3. Engage with Community Initiatives and Climate Change Perceptions:

- **Results and Discussion**

General Awareness and Perceptions:

Awareness Level: Among the surveyed households, 30% reported being highly aware of local environmental issues, 55% were moderately aware, and 15% were less aware. This suggests a relatively good level of environmental awareness in the community, though it also highlights the necessity for targeted awareness-raising initiatives for the less informed portion of the population.

- **Identified Environmental Challenges:**

The most commonly identified challenges were pollution (40%), water scarcity (25%), and littering (20%). Deforestation and lack of community engagement were also mentioned but less frequently (15% collectively), indicating a broad awareness of environmental issues but varying perceptions of their severity and immediacy.

- **Local Environmental Policies:**

Awareness of Policies: 70% of respondents were aware of local environmental policies, particularly regarding waste management and water management. However, only 50% were aware of policies related to air quality, suggesting that information dissemination on this topic could be improved.

- **Policy Effectiveness:**

The perceived effectiveness of these policies was varied: 10% rated them as excellent, 40% as good, 35% as moderate, and 15% as poor. This spread underscores a critical view of local environmental governance, with a notable portion of the population seeing room for significant improvement.

- **Waste Management:**

Practices: 80% of households reported managing their waste regularly through recycling or composting, while 20% did so irregularly. This high rate of regular waste management practices is a positive sign of community engagement with sustainability.

- **Local Problems:**

45% of respondents noticed local problems related to waste management, indicating that despite individual efforts, broader systemic issues persist.

- **Water and Air Quality:**

Health Issues: 25% of households experienced health issues they believe are related to water or air quality, highlighting the human impact of environmental degradation and the need for improved management and policy interventions.

- **Community Engagement and Initiatives:**

60% of respondents had not participated in any local environmental initiatives, suggesting a potential disconnect or lack of opportunities for active involvement.

- **Sustainable Practices Awareness:**

Awareness of sustainable practices being implemented locally was reported by 50% of households, pointing to the need for better communication and promotion of these practices to encourage wider adoption.

- **Climate Change Impacts**

Observations: 55% of the households observed impacts of climate change in their local area, which is a significant percentage that underscores the tangible effects of climate change on local communities.

- **Education and Awareness**

The quality of environmental education in local schools was rated as good by 40%, moderate by 35% and poor by 25% of respondents. Suggestions for improvement included more workshops, environmental clubs, in-school programs, and community clean-up days, indicating a community eager for more educational resources and engagement opportunities.

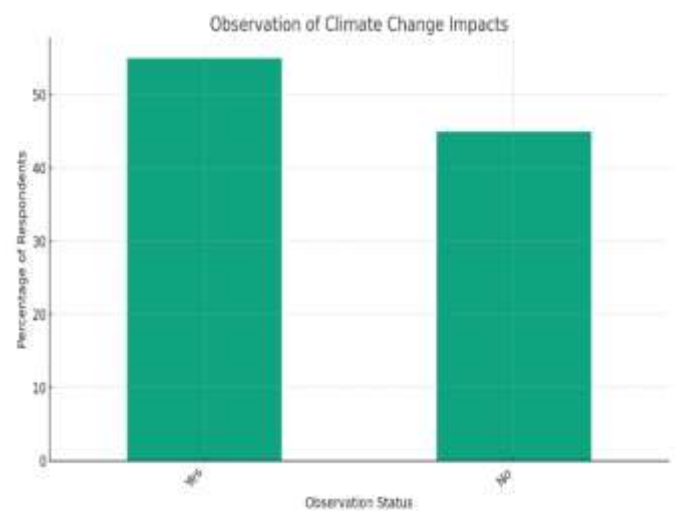
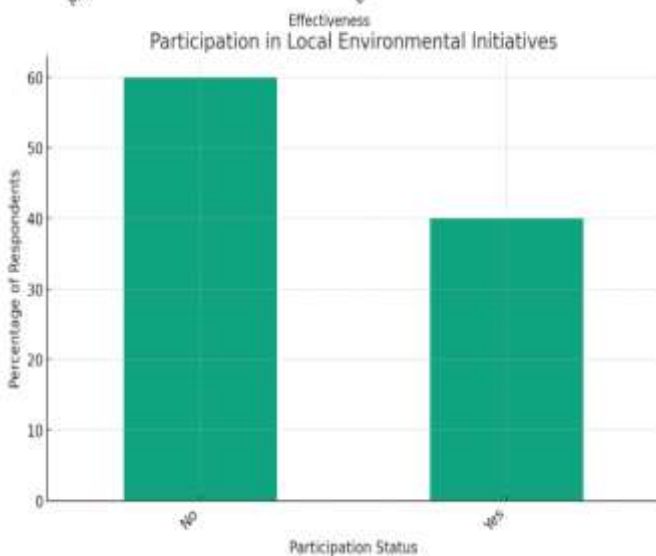
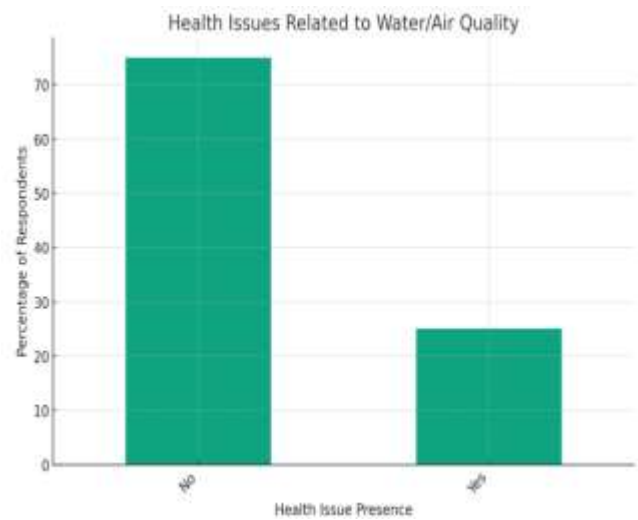
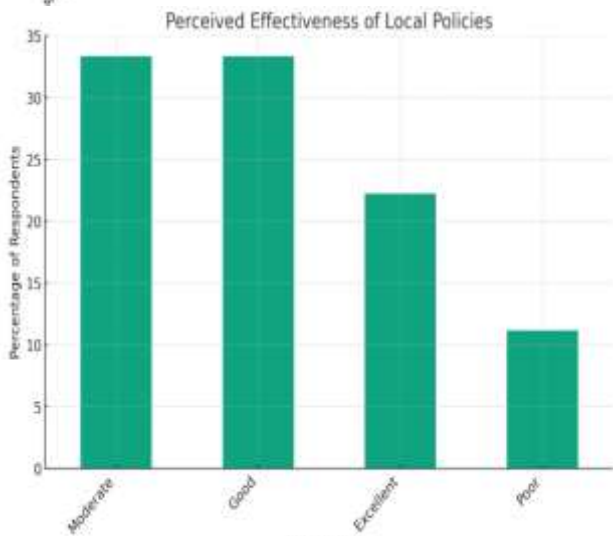
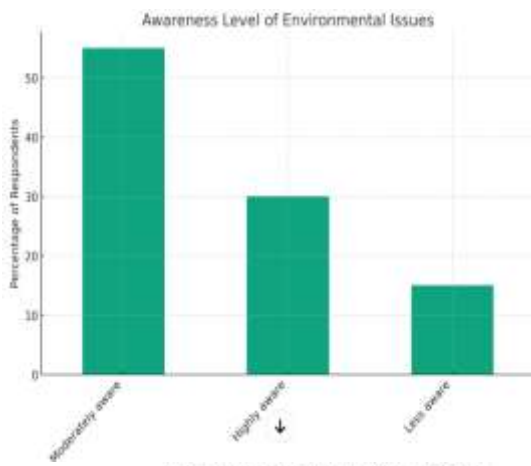
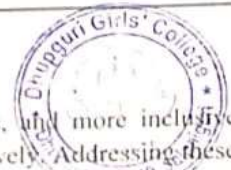


Figure: Outcomes of surveyed responses. (Primary survey).

● **Conclusion**

The survey results reveal a community that is moderately to highly aware of environmental issues but experiences varied challenges and perceives room for improvement in local environmental policies and engagement opportunities. The data suggests a need for enhanced educational programs, better communication of sustainable practices, and more inclusive



educational programs, better communication of sustainable practices, and more inclusive community initiatives to address environmental challenges more effectively. Addressing these areas could significantly improve local environmental management and foster a more engaged, informed, and proactive community in terms of sustainability and environmental stewardship.

Evidence of Field Work



Signature of the evaluator:

Prakash
06/07/22
Sukh
07/07/22

DEPT. OF GEOGRAPHY
DHUGGURI GIRLS' COLLEGE
JALPAIGURI

Roman
Principal
Dhugguri Girls' College
Dhugguri & Jalpaiguri

FINAL SCORE CARD



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COURSE END EXAMINATION SCORE CARD



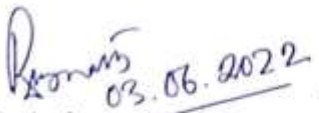
NAME	REG. NO	THEORY (20)	PRACTICAL (OUT OF 20)	VIVA- VOCE (OUT 10)	TOTAL MARKS (out of 50)	PERCENTAGE	Grade
RIMA ROY	1001905010094	19	16	7	42	84	A+
SUJATA CHAKRABORTY	1001905010093	15	13	6	34	68	B+
JHANKA SARKAR	1001905010098	16	11	6	36	72	A
TANI SIBI ADHIKARY	1001905010096	11	10	5	26	52	C
DIU MIKA ROY	1001905010017	15	14	5	34	68	B+
INDRANI ROY	1001905010040	13	12	4	29	58	B
MUSAMI N. ROY	1001905010084	15	12	6	33	66	B+
MUSAMI DAS	1031806010055	11	11	5	27	54	C
PUNAM MANDAL	1001905010114	10	11	5	26	52	C
SUNMITA GHOSH	1031806010179	9	8	3	20	40	P
PRIYA NANDI	1001905010096	12	11	5	28	56	B
HIMANI ROY	1001905010014	10	10	4	24	48	C
RUPALI ROY	1031806010015	10	11	4	25	50	C
PRIYA ROY	1031806010164	12	9	5	26	52	C
SUKLA SARKAR	1031806010009	12	10	6	28	56	B
BAHITA SARKAR	1031806010009	10	9	4	23	46	C
SABINA PARVIN	1001905010050	11	11	5	27	54	C

Romya
Principal 29.06.2022
Dhupguri Girls' College
Dhupguri - Jalpaiguri

ATTENDANCE

Dhurguri College		DHURGURI		GIRLS' COLLEGE	
STUDENT'S ATTENDANCE REGISTER		for the month of		ADD. C	
CLASS: <i>Environmental Management and Sustainability</i>		TOTAL No. of		D A	
Roll No.	NAME OF STUDENTS	1	2	3	4
	NAME				
	ANITA ROY	P	P	P	P
	SUJALACHAKRABORTY	P	P	P	P
	JHARNA SARKAR	P	P	P	P
	TANU SHREE ADHIKARY	P	P	P	P
	EALGUNI CHOWDHURY	P	P	P	P
	APARNA ROY	P	P	P	P
	ASMA KHATUN	P	P	P	P
	BEAUTY ROY	P	P	P	P
	BHUMIKA ROY	P	P	P	P
	INDRANI ROY	P	P	P	P
	MUNMUN ROY	P	P	P	P
	MOUSUMI DAS	P	P	P	P
	KANIKA MANDAL	P	P	P	P
	PUNAM MANDAL	P	P	P	P
	SUSMITA GHOSH	P	P	P	P
	RAJEN S BANU	P	P	P	P
	PRIVA NANDI	P	P	P	P
	HUMANI ROY	P	P	P	P
	RUPALI ROY	P	P	P	P
	SHREYA ACHARJEE	P	P	P	P
	PRIVA ROY	P	P	P	P
	SUKLA SARKAR	P	P	P	P
	PAMPA ROY	P	P	P	P
	BABITA SARKAR	P	P	P	P
	JAYA BARMAN	P	P	P	P
	PAYEL SARKAR	P	P	P	P
	JHILIK SAHA	P	P	P	P
	KABITA ROY	P	P	P	P
	SABINA PARVIN	P	P	P	P

EXTRA NOTICE

	
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Ref. No. _____	Date _____
	
<u>Notice</u>	
Date: 03-06-2022	
This is to inform all students that a Field Study (Project cum Practical) will be conducted on the following dates:	
<ol style="list-style-type: none">1. 12-06-2022 - Supervised by Dr. Somenath Kar2. 18-06-2022 - Supervised by Dr. Debarshi Ghosh	
Students are required to prepare for these field visits and ensure they have all necessary materials and equipment. Attendance is mandatory, and students must report to their respective course coordinators on the specified dates. Please make sure to bring appropriate fieldwork attire, notebooks, writing instruments, and any other tools or materials specified by your course coordinators.	
For any queries or additional information, students are advised to contact their course coordinators.	
 Principal Dhupguri Girls' College Dhupguri - Jalpaiguri	



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Date.....



Notice

Date: 16-06-2022

This is to inform all students that the Course End Examination (MCQ) for the Department of Geography will be held on **24-06-2022 at 3:30 PM**.

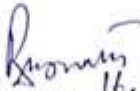
Details of the Examination:

- **Type of Examination:** Multiple Choice Questions (MCQ)
- **Date:** 24-06-2022
- **Duration:** 1 hour

Students are required to be present at the examination venue at least 15 minutes before the scheduled start time. Please ensure you bring your college ID and necessary stationery.

Important Instructions:

1. Arrive at the examination hall by 3:15 PM.
2. Carry your college ID card for verification.
3. Bring necessary stationery (pens, pencils, erasers, etc.).
4. Mobile phones and electronic devices are strictly prohibited in the examination hall.
5. Follow all instructions given by the invigilators during the examination.


Principal 16.06.2022

Dhupguri Girls' College

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Dhupguri Girls' College
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Notice

Date: 12-07-2022


This is to inform all students who have completed the add-on course titled 'Environmental Management and Sustainability' that the certificates of completion will be issued from the college office on 25-07-2022.

Details:

- **Course:** Environmental Management and Sustainability
- **Certificate Issuance Date:** 25-07-2022
- **Time:** 3:00 PM
- **Venue:** College Office

Students are requested to bring their college ID for verification when collecting their certificates.

For any queries or additional information, please contact the department office.


12.07.2022

Principal

Dhupguri Girls' College

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Date.....




Notice

Date: 17/05/2022

This is to inform all students that the project report submission for the enrolled students of the add-on course entitled '*Environmental Management & Sustainability*' is scheduled for **24-06-2022**. Students are required to submit their project reports **1/2 an hour before the initiation of the Course End Examination** to the office of the college.

For any queries or additional information, please contact the department office.


Principal 17.05.2022

Dhupguri Girls' College
Dhupguri, Jalpaiguri

Principal

Dhupguri Girls' College