



Government of West Bengal

Office of the Principal

GOVERNMENT GENERAL DEGREE COLLEGE, KHARAGPUR-II

VIII. - Ambigeria, P.O. - Madpur, Dist. – Paschim Medinipur, PIN - 721149

Ph. No. - (03222)247-077, 247-078

E-mail ID. principalggdckgp2@gmail.com

Annual Report of Institutional Policy on Energy

Academic Year: 2018-19

Introduction:

Government General Degree College at Kharagpur-II is committed to reducing its energy consumption and promoting sustainable energy practices. This report highlights the progress made by Government General Degree College at Kharagpur-II in implementing its institutional policy on energy.

Objectives:

Reduce energy consumption

Increase energy efficiency through lighting and equipment upgrades

Energy Efficiency:

LED lighting upgrades

Keep lights off in conference room, class rooms when they are not in use

Use the fans only when they are needed

Turn off unnecessary lights and use day lights if possible

Turn off computers when they are not in use

Initiatives and Programs:

Energy-efficient appliances replacement program

Students and employees energy awareness campaign



Challenges:

Limited Budget: Insufficient funding for energy-efficient upgrades and initiatives.

Behavioral Changes: Encouraging employees and students to adopt energy-saving habits.

Future Plans:

Implement more energy-efficient lighting in campus building

Develop a comprehensive energy management plan

Conclusion:

Government General Degree College at Kharagpur-II is committed to reducing its energy consumption. We will continue to implement energy-efficient initiatives and programs to achieve our sustainability goals.

Members signature:

Ramkrishna Ghosh, 12-07-2019

Sujita Das, 12/07/19

Yasmin Ara Begum.

Gouri Pahan 12/7/19



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Green Committee

Annual Report of Institutional Policy on Energy

Academic Year 2018-19



Fig.1- Awareness Programme on "Energy Saving" at Seminar, 22nd February, 2019, delivered by Pradipta Mukhopadhyay, Assistant Professor, Dept. of Philosophy.



(Dr. Partha Sarathi Singha)

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Annual Report of Institutional Policy on Energy

Academic Year: 2019-20

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Initiatives and Programs:

Energy-efficient appliances replacement program

Students and employees energy awareness campaign



Challenges:

Limited Budget: Insufficient funding for energy-efficient upgrades and initiatives.

Behavioral Changes: Encouraging employees and students to adopt energy-saving habits.

Data Management: Tracking and analysing energy consumption data.

Future Plans:

Implement more energy-efficient lighting in campus building.

Develop a comprehensive energy management plan.

Conclusion:

Government General Degree College at Kharagpur-II is committed to reducing its energy consumption. We will continue to implement energy-efficient initiatives and programs to achieve our sustainability goals.

Signature

Members of Green Committee

Ramkrishna Ghosh 10-07-2020

Sujit Das
10/07/20

Jasmin Arz Begum

Gouri Pahan 12/7/19



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Annual Report of Institutional Policy on Energy

Academic Year 2019-20



Fig.1 & 2: Officer-in-Charge delivering a talk in front of stake holders of the institution during the awareness programme on Energy Conservation dated 7th February, 2020



(Dr. Partha Sarathi Singha)

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Annual Report of Institutional Policy on Energy

Academic Year: 2020-21

Introduction:

Government General Degree College at Kharagpur-II is committed to reducing its energy consumption and promoting sustainable energy practices. This report highlights the progress made by Government General Degree College at Kharagpur-II in implementing its institutional policy on energy.

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Energy Efficiency:

LED lighting upgrades

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Use the fans only when they are needed

Turn off unnecessary lights and use day lights if possible

Turn off computers when they are not in use

Initiative

Energy-efficient appliances replacement program



Challenges:

Challenges faced during pandemic situation in college regarding institutional energy policy:

1. Reduced Occupancy: Low campus utilisation led to reduced energy consumption, but also made it challenging to maintain building systems and optimise energy efficiency.
2. Maintenance and Upkeep: Reduced staff and access restrictions made it difficult to perform routine maintenance and energy-efficient upgrades.
3. Limited Budget: Insufficient funding for energy-efficient upgrades and initiatives.

Future Plans:

Implement more energy-efficient lighting in campus building.

Develop a comprehensive energy management plan.

Conclusion:

Government General Degree College at Kharagpur-II is committed to reducing its energy consumption. We will continue to implement energy-efficient initiatives and programs to achieve our sustainability goals.

Signature

Members of Green Committee

Ramkrishna Ghosh 16-07-2021
Sujit Das 16/07/21
Jasmin Ara Begum.
Rinku kumar Raj 16/07/21



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Annual Report of Institutional Policy on Energy

Academic Year: 2021-22

Introduction:

Government General Degree College at Kharagpur-II is committed to reducing its energy consumption and promoting sustainable energy practices. This report highlights the progress made by Government General Degree College at Kharagpur-II in implementing its institutional policy on energy.

Objectives:

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Energy Efficiency:

LED lighting upgrades

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Turn off computers when they are not in use

Initiatives and Programs:

Energy-efficient appliances replacement program

Employees and students energy awareness campaign



Challenges:

Challenges faced during pandemic situation in college regarding institutional energy policy:

1. Data Collection and Analysis: Limited access to campus and reduced staff made it challenging to collect and analyse energy consumption data.
2. Reduced Occupancy: Low campus utilisation led to reduced energy consumption, but also made it challenging to maintain building systems and optimise energy efficiency.
3. Maintenance and Upkeep: Reduced staff and access restrictions made it difficult to perform routine maintenance and energy-efficient upgrades.
4. Communication and Engagement: Remote work and learning made it difficult to engage with employees and students on energy-efficient practices and behaviors.

Future Plans:

Implement more energy-efficient lighting in campus building.

Develop a comprehensive energy management plan.

Conclusion:

Government General Degree College at Kharagpur-II is committed to reducing its energy consumption. We will continue to implement energy-efficient initiatives and programs to achieve our sustainability goals.

Signature

Members of Green Committee

Ramkrishna Ghosh 15-07-22
Sujita Das 15/07/22
Yasmin Ara Ban
Rinku Kumar Raj 16/07/21



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Academic Year 2021-22



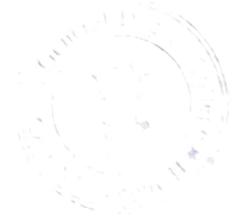
Fig.1: LCD monitors are used for energy efficient computing.



(Dr. Partha Sarathi Singha)

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Annual Report of Institutional Policy on Energy

Academic Year: 2022-23

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Turn off computers when they are not in use

Initiatives and Programs:

Energy-efficient appliances replacement program

Employees and students energy awareness campaign



Challenges:

Challenges faced during pandemic situation in college regarding institutional energy policy:

1. Long-term Planning: Uncertainty surrounding the pandemic's duration and impact made it challenging to develop and implement long-term energy policy strategies.
2. Data Collection and Analysis: Limited access to campus and reduced staff made it challenging to collect and analyse energy consumption data.
3. Reduced Occupancy: Low campus utilisation led to reduced energy consumption, but also made it challenging to maintain building systems and optimise energy efficiency.
4. Prioritisation of Resources: Pandemic response efforts took precedence over energy policy initiatives.
5. Communication and Engagement: Remote work and learning made it difficult to engage with employees and students on energy-efficient practices and behaviors.

Future Plans:

1. Enhance Energy Management System: Enhance energy management system capabilities for real-time energy monitoring and optimization.
2. Energy Policy Updates and Compliance: Regularly review and update energy policies to ensure compliance with changing regulations and standards.
3. Employee and Students Engagement: Foster a culture of sustainability through education, training and involvement in energy development.

Conclusion:

Government General Degree College at Kharagpur-II is committed to reducing its energy consumption. We will continue to implement energy-efficient initiatives and programs to achieve our sustainability goals.

Signature

Members of Green Committee

Ramkrishna Ghosh 07-07-2023

Jannin Ara Begum

Sujita Das
07/07/23

Adwaita Maity
07/07/23



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Academic Year 2022-23

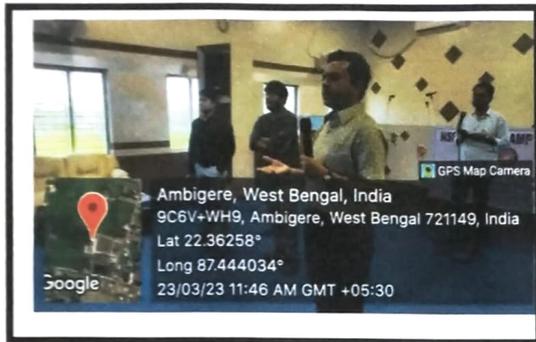


Fig. 1: NSS Programme Officer delivering talk on the importance of Energy conservation on 23rd March, 2023.



Fig. 2: Day light energy saving

(Dr. Partha Sarathi Singha)

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Annual Report of Institutional Green and Environmental Policy

Academic Year: 2020-21

Introduction:

Government General Degree College at Kharagpur-II is committed to minimising its environmental footprint and promoting sustainable practices. This report summaries our progress in implementing our Green and Environmental Policy over the past year.

Objectives:

- Reduce carbon footprint
- Increase re-use of total waste generated
- Conserve water

Achievements:

- Reduced energy consumption through LED lighting upgrades
- Increased recycling through improve waste Segregation and recycling programs
- Collected and stored rainwater
- Conducted environmental awareness events for students and staff

Initiative:

Implemented a sustainable transportation program, promoting cycles and electrical or pollution free vehicles.

Created a green space on campus, featuring native plant species



Challenges:

Reduced energy efficiency: Low campus occupancy led to reduced energy efficiency in building, as systems were not optimised for reduced usage.

Water conservation challenges: Reduced occupancy made it difficult to maintain water-saving measures.

Sustainability engagement difficulties: Remote work and learning made it challenging to engage with employees and students on sustainability initiatives.

Future Plans:

Implement rainwater harvesting system in College campus.

Implement a comprehensive waste reduction and recycling programs.

Expand environmental education and awareness program.

Explore additional uses for rain water in College campus.

Conclusion:

Government General Degree College at Kharagpur-II is committed to continuous improvement in our environmental performance. We will build on our achievements and address challenges to further reduce our environmental footprint.

Signature

Members of Green Committee

Ramkrishna Ghosh 16-07-2021

Sujit Das 16/07/21

Gasmin Ara Begum

Rinku Kumar Raj 16/07/21



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Annual Report of Institutional Green and Environmental Policy

Academic Year: 2021-22

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Reduce carbon footprint

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Conserve water

Achievements:

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Increased recycling through improve waste Segregation and recycling programs

Collected and stored rainwater

Conducted environmental awareness events for students and staff

Initiative:

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Challenges:

Reduced energy efficiency: Low campus occupancy led to reduced energy efficiency in building, as systems were not optimised for reduced usage.

Water conservation challenges: Reduced occupancy made it difficult to maintain water-saving measures.

Sustainability engagement difficulties: Remote work and learning made it challenging to engage with employees and students on sustainability initiatives.

Maintenance and upkeep challenges: Reduced staff and access restrictions made it difficult to maintain green spaces and sustainable infrastructure.

Future Plans:

Implement rainwater harvesting system in College campus.

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Conclusion:

Government General Degree College at Kharagpur-II is committed to continuous improvement in our environmental performance. We will build on our achievements and address challenges to further reduce our environmental footprint.

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Annual Report of Institutional Green and Environment Policy

Academic Year 2021-22



Fig. 1 & 2. Students and Teachers of the Institution attending awareness programme on Clean and Green Environment dated 7th June, 2022, to observed World Environment Day (5th June)



Fig. 3. Cleanliness Drive organised by the institution as part of an outreach programme in the surrounding area (Ambigeria) dated 22nd June, 2022.

(Dr. Partha Sarathi Singha)



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Academic Year: 2022-23

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Objectives:

Reduce carbon footprint

Increase re-use of total waste generated

Conserve water

Promote environmental awareness and education among students and staff

Achievements:

Reduced energy consumption through LED lighting upgrades

Increased recycling through improve waste Segregation and recycling programs

Collected and stored rainwater

Conducted environmental awareness events for students and staff

Initiative:

Implemented rainwater harvesting system in our College campus.



Implemented a sustainable transportation program, promoting cycles and electrical or pollution free vehicles.

Created a green space on campus, featuring native plant species.

Challenges:

Reduced energy efficiency: Low campus occupancy led to reduced energy efficiency in building, as systems were not optimised for reduced usage.

Sustainability engagement difficulties: Remote work and learning made it challenging to engage with employees and students on sustainability initiatives.

Maintenance and upkeep challenges: Reduced staff and access restrictions made it difficult to maintain green spaces and sustainable infrastructure.

Sustainability reporting and tracking difficulties: Remote work and learning made it challenging to collect and track sustainability data.

Future Plans:

Develop a sustainable food policy, promoting local and organic food options.

Implement more effectively rainwater harvesting system in College campus

Implement a proper comprehensive waste reduction and recycling programs.

Expand environmental education and awareness program among students and staff.

Explore additional uses for rain water in College campus.

Conclusion:

Government General Degree College at Kharagpur-II is committed to continuous improvement in our environmental performance. We will build on our achievements and address challenges to further reduce our environmental footprint.

Signature

Members of Green Committee

Ramkrishna Ghosh 07-07-2023

Sujita Das 07/07/23

Jasmin Pr. Banerjee

Adwaita Maiti
07/07/23



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Academic Year 2022-23

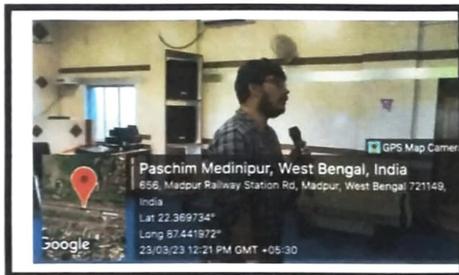


Fig 1: Prof. Rohan Roy, delivering a talk on how to decrease carbon foot-print in the campus dated 23rd March, 2023



Fig 2: Students coming to college by riding bicycles



Fig 3: Teacher coming to college by riding E-Rickshaw.



Fig.4: Teachers and students planting trees in the campus on the occasion of World Environment Day, 5th June, 2023

(Dr. Partha Sarathy Singha)



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Achievements:

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Increased recycling through improve waste Segregation and recycling programs

Conducted environmental awareness events for students and staff

Initiative:

Implemented a sustainable transportation program, promoting cycles and electrical or pollution free vehicles.



Challenges:

Limited budget for sustainability initiatives

Difficulties in engaging students and staff in environmental efforts

Future Plans:

Implement a comprehensive waste reduction and recycling programs.

Expand environmental education and awareness program.

Explore additional uses for rain water in College campus.

Conclusion:

Government General Degree College at Kharagpur-II is committed to continuous improvement in our environmental performance. We will build on our achievements and address challenges to further reduce our environmental footprint.

Signature

Members of Green Committee

Ramkrishna Ghosh 12-07-2019

Sujita Das
12/07/19

Yasmin Ara Begum

Gowri Dahan 12/7/19



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Annual Report of Institutional Green and Environment Policy

Academic Year 2018-19



Fig.1- Plantation Programme at College Campus on World Environment Day, 5th June, 2019



Fig. 2: Students interacting with teachers on the importance of water body conservation. The pond shown in the picture belongs to the institution and is used for rain water harvesting.

(Dr. Partha Sarathi Singha)



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- Conducted environmental awareness events for students and staff

Initiative:

- Implemented a sustainable transportation program, promoting cycles and electrical or pollution free vehicles.
- Created a green space on campus, featuring native plant species



Challenges:

Limited budget for sustainability initiatives

Difficulties in engaging students and staff in environmental efforts

No access to renewable energy sources due to financial crises

Future Plans:

Implement rainwater harvesting system in College campus

Implement a comprehensive waste reduction and recycling programs.

Expand environmental education and awareness program.

Explore additional uses for rain water in College campus.

Conclusion:

Government General Degree College at Kharagpur-II is committed to continuous improvement in our environmental performance. We will build on our achievements and address challenges to further reduce our environmental footprint.

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Members of Green Committee

Ramkrishna Ghosh 10-07-2020

Sujita Das
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Gouri Pahan 10/7/20



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Fig.1.- Plantation Programme at Adopted Village, Ambigeria, 27th August, 2019



Fig.2.- Campus Cleaning drive on 4th October, 2019

(Dr. Partha Sarathi Singha)



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