

Sudarshanpur, Raiganj, Uttar Dinajpur (Affiliated to University of Gour Banga) Recognized by UGC U/S 2(f) & 12(B) NAAC accredited College with "B+" Grade

Action Taken and Achievement Report

On

Clean and Green Campus Initiatives

Raiganj Surendranath Mahavidyalaya has well-documented policies on clean and green campus and environment and energy usage. According to the policies the institute is committed to

- Maintain clean and green campus,
- Minimize energy usage, use low energy consuming appliances, solar panel (Alternate renewable energy sources)
- Manage biodegradable and non-biodegradable waste, Chemical, biolab waste
- Spread awareness about environment and pollution

The initiatives taken by the college to fulfil these commitments are:

• Green lush within the campus:

The College is situated in semi-urban area and is built on lush green campus, with large and well-maintained playgrounds, vertical, medicinal plant's garden, numerous trees and plants inside the campus. The college not only arrange for tree plantation as regular activity but also take effort to nourish the growth of the trees. The campus is pollution free and has an environment which enhances the close contact with nature.



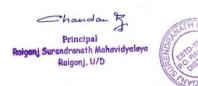














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• Plastic Free campus:

The college campus is plastic free. The college regularly conducts Anti-Plastic Awareness Campaign at campus. We promote use of paper made dishes and cups and copper bottles for drining water. The motto is to create awareness of plastic's adverse effects on the environment and informing students with the most updated information about the anti-plastic issues. Students prepare posters with "Banning single use plastic" messages and slogans and they are displayed on the walls of the lobby of every department as well as in canteen. Such awareness programs are arranged among students on regular basis to build up their environment friendly attitude.







• Alternate sources of energy and energy conservation measures:

To reduce global warming and carbon emission, usage of energy acquired from traditional fossil fuels, which are nonrenewable and harmful to the environment, should be reduced.

The college has taken a step forward in this regard by the following initiatives

- a. Usage of Solar Energy
- b. Control the use of DG set as per requirements only
- c. Use of LED bulbs/ power efficient equipment
- d. Motivate the students and faculty to use bicycles and transport provided by the college.









Solar Panels are being installed on Roof-top using funds from RUSA 2.0 Scheme





Wheeling to the grid

LED Bulb





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• Water conservation:

Water conservation is necessary to keep water pure and clean while also protecting the environment. In the campus the following initiatives have been taken for water conservation.

- a. Rain Water Harvesting
- b. Save water campaign
- c. Bore well / Open well recharge
- d. Constructions of tanks
- e. Creation of a small water body

By saving the water actually the money is saved which would be used to process clean water. Also it ensures the saving of groundwater level and prevents water borne diseases



Rain water harvesting (rain water collecting tank)







Save Water Campaign



Bore well submersible



Construction of tanks





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Small water body

• Waste Management:

In accordance with green policy the institute has a well-established waste management system for various kind of wastes.

- Each of the Departments have separate colour coded bins to dispose biodegradable and non-bio gradable waste materials. These waste materials are regularly been disposed of by the Raiganj Municipality.
- For Department of Chemistry and Biological Sciences (Botany and Zoology), separate bins have been installed for disposing chemical and biological wastes.
- Our college has definite and specific place to dump empty containers of chemicals.
- Our college also has signed an agreement to dispose e-waste.











Separate waste bins for disposing biodegradable and non-biodegradable and bio lab materials







Specific area to dump chemical containers





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Bio fertilizer (manure) production from biodegradable solid wastes:

Our college also has a e 6x4x3 feet container for dumping solid waste. All waste such as waste paper, food and material are refined and made ready in advance organic fertilizer. A total of 35-45 days is required to complete one cycle of composting and produce 5 kg of manures.



Pit for bio-composting

• Spread awareness about environment:

Several seminar, awareness and outreach programmes are arranged round the year to promote environmental sensibility. Also, various days are celebrated to make student aware of protection and nutriment of environment. The Green, Environmental and Energy Audit are done regularly. The students are encouraged to spread the awareness about environment beyond the campus also.

• Vehicle and Parking:

To reduce the air pollution inside the campus and to maintain discipline, the institute has taken the following initiatives:





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- a. Restricted entry of automobiles inside the campus. This will help to avoid use of individual vehicles for transport by promoting public transport and use cycle much as possible.
- b. Use of Bicycles/ Battery powered vehicles Bicycle stand Facility available in the campus.



Bicycle stand in-front of the college building

By ensuring these measures the campus can be considered as pollution free.

By strictly following the "protect the environment" policies the college has succeeded to motivate the students, faculties and even the rural people in the nearby villages to care for the environment and spread the awareness. The use of alternative energy sources, water conservation has been proved as cost effective in a long run. By proper waste management and imposing the rules for vehicle and transport the college has achieved a pollution free environment. With the activities like tree plantation and maintaining the garden the institute is steered in the right path to achieve the green campus. The effort of the college has been recognized and appreciated by the Mahatma Gandhi National Council for Rural Education and awarded 'District Champion' for clean and green campus.





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भारत सरकार / Government of India

महात्मा गांधी राष्ट्रीय ग्रामीण शिक्षा परिषद / Mahatma Gandhi National Council of Rural Education

उच्चशिक्षाविभाग/Department of Higher Education

शिक्षामंत्रालय / Ministry of Education



District Green Champion Certificate

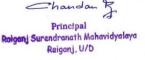
This is to certify that RAIGANJ SURENDRANATH MAHAVIDYALAYA is hereby recognized as District Green Champion for Uttar Dinajpur District, West Bengal for the Academic Year 2021-22. The institution has successfully elevated the Swachhta Action Plan, adopted and implemented best practices in the areas of Sanitation, Hygiene, Waste Management, Water Management, Energy Management and Greenery Management.

तारीख / Date: 29.03.2022

ज्ञापनसंख्या/ Memo no: MGNCRE/SAP22/302

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Dr W G Prasanna Kumar Chairman MGNCRE, Ministry of Education Government of India







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Based on the policies, and initiatives undertaken, our college has become eligible for ISO certification



