



GKSM Govt College Tanda Urmār¹

Affiliated to Punjab University Chandigarh

INTERNAL QUALITY ASSURANCE CELL

IQAC

Supporting Documents/Additional Information

Title- 7.1.3 Quality audits on environment and energy undertaken by the Institution regularly.

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ACTION TAKEN REPORT – GREEN AUDIT

The Committee has analyzed the Green Audit Report submitted by Department of Forest and Wildlife Preservation Office: Range Forest Officer near Village Ushmaan Saheed Dasuya District Hoshiarpur. The Committee based on the recommendations made in the report have implemented/suggested following actions to improve the performance of the college on various environment related parameters:

Sr. No.	Recommendations	Action Taken
1	Reduce water consumption in toilets for flushing	Water intake for flush tanks in toilets has been reduced considerably.
2	Install flow restrictors in hand washing and other taps.	A proposal regarding the same is underway and will be taken up in the next meeting of IQAC with the funding bodies of the college
3	Raise awareness regarding water conservation through posters	Posters portraying salient features of, methods for, and significance of conserving water in daily life have been installed at various strategic locations of the college where the footfall of students and faculty is maximum.
4	Maintain a logbook to track daily water inlet or consumption patterns.	The issue of maintaining a logbook to track the daily water inlet or consumption patterns will be taken up in the next meeting of the college council. The IQAC has been apprised of the same.
5	Install an automatic switching system for pump sets to prevent water overuse.	Installation of the automatic switching system for pump sets will be completed before the beginning of the next session 2024-25
6	Promote repairing rather than discarding items.	The college has been instrumental in recycling a majority of items used on campus including metallic and plastic waste- like waste bins, drums, etc.
7	Encourage reuse and recycling throughout the campus	The gardening pots, broken containers, glass bottles, construction waste, canteen waste, laboratory waste, dust bins, varnish and paint drums are all reused or recycled in the college.
8	Discourage the use of single-use batteries.	Single-use batteries are avoided at all costs barring the ones that were already in use in the past. No new single-use batteries are purchased.
9	Avoid purchasing and using plastic bottled water.	The students and staff are always advised to use glass or thermos-steel water bottles for daily use. Thermos flasks are used for hot drinks served by the canteen. Only during elaborate functions/seminars/symposiums/conferences does the canteen supply plastic bottled water. We are in the process of modifying this system as well. Water jugs/dispensers and glasses will be used for all future programs.
10	Promote electronic media	A minimal use of paper is made for all notices,



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	over paper	<p>agendas, and minutes of meetings. All proceedings are recorded digitally. Notices for staff members are shared as messages via the dedicated WhatsApp groups. Notices for students are typed and uploaded on the college website or circulated in classes through WhatsApp groups. The use of electronic media has been maximised. During two complete academic sessions of lockdown all assignments and MSTs, etc were conducted via email, Google Classroom, and WhatsApp. Notices were uploaded on the college website and the Instagram page of the college. The college has been working in dual mode since 2020. All notices, agendas, and minutes of IQAC meetings are also typed and shared in the WhatsApp group . All MOU copies are also shared via emails with our partners. Most invitations and letters of appreciation for our guests are shared via email.</p>
11	Use reusable containers	<p>All waste collection is managed through reusable containers. The solid waste dustbins are repaired in case of damage to their base. The collection and segregation of waste is done with wheelbarrows. The canteen uses reusable drums for waste collection during functions, fairs, and programs on the campus grounds. Bone China cups are used for serving tea during sports functions and during other occasions. The canteen doesn't use disposable stuff. In case of emergency, only biodegradable containers and crockery/ cutlery are used- made of sugarcane, coconut husk or bamboo.</p>
12	Implement meal plans to reduce waste	<p>The canteen offers Breakfast and lunch as per a fixed menu approved by the canteen committee. Only tea and minimal snacks are approved by the college committees managing food and meals served in campus.</p>
13	Minimise plastic packaging.	<p>Paper cartons, cardboard boxes, paper bags, cotton cloth bags and jute bags are used for packaging and carrying stuff on campus. The college campus has been free from plastic bags since 2020.</p>
14	Aim to reduce overall garbage production	<p>The college canteen and departments as well as the pantry serving the Principal's office use bone-china cutlery and crockery. The staff room uses glass crockery for serving tea and water. The garbage of disposable items is thus avoided. Food waste, if any, is recycled in compost pits. Dry and wet waste is segregated for this purpose.</p>



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15	Develop a policy focused on reducing carbon emissions.	The policy matters are taken up for decision-making by the council and IQAC of the college. This matter will be tabled in the next meeting of the college council in the coming year.
16	Encourage sustainable transportation options such as buses, public transport, walking, biking, and electric vehicles.	Most of the students and staff commute from far away villages and districts by public transport or car pools. Students commuting via public transport, alighting at bus stops near the college campus, reach the college on foot. Many students travel to the college via auto-pools. A very few percentage of college students commute on their personal vehicles. A pollution check certificate is mandatory for every vehicle entering the college premises. Moreover, vehicles are not allowed to enter the main campus. They have to be parked in the parking area.
17	Implementing green computing or e-work practices.	The college tries its best to use computers, chips, other technology components and peripherals in a way that limits the harmful impact on the environment. Outdated items are written off and disposed of in the most environment-friendly ways. With the changing times, more eco-friendly and green options will be explored and adopted by the college at its e-workplaces.
18	Raise awareness about the Clean Development Mechanism (CDM) to reduce electricity and resource consumption.	Awareness programs will be chalked out in the near future to apprise the stakeholders regarding the Clean Development Mechanism, an initiative of the United Nations, to fund greenhouse gas emissions under the carbon offset scheme. Seminars and lectures will be planned and posters will be created to inform the students and inspire them to reduce electricity and resource consumption.
19	Establish a carpooling system for staff.	Staff members travelling from cities outside Tanda already commute through car pools. The local staff members residing in the same areas do the same too.
20	Discourage students from using two-wheelers for commuting	Out of the 1100 students coming to the college only 100-150 students travel on two wheelers, that too on a sharing basis. Students are provided bus-passes on subsidised rates so that they commute through public transport. More and more students



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21	Consider making the campus vehicle-free for at least one day a week.	This recommendation is a welcome proposal. The college will consider implementing it as soon as possible.
22	Renovation of the poly house.	The poly house was sustained by the B.Sc. Agriculture program which has now been discontinued by the Government. The poly house is already working for the growing of many plants, vegetables and flowers species.
23	Automatic drip irrigation system	Automatic drip irrigation system in poly house is already installed and working successfully.
24	Promote daily environmental awareness, not just on special occasions.	Posters, banners, and activities for the conservation of the environment are a part and parcel of the college's co-curricular activities. Along with celebrating special days dedicated to the environment, major activities and contests are organised throughout the session to keep the students involved. Students are motivated to use dustbins and anti-littering campaigns are regularly held. NSS volunteers are instrumental in making the rest of the students aware of maintaining cleanliness and hygiene. Anti-stubble-burning programs are conducted by students in the neighbouring villages. More such activities will be added to the annual calendar of our clubs and societies.
25	Beautify the institute building with oxygen-producing indoor plants.	A committee is constituted by the college council to adopt this recommendation. Some indoor plants are already placed in the college campus.
26	Organize competitions and awareness campaigns to engage students and staff in greening the campus	Tree plantation drives and clean and green campus initiatives have been undertaken in the college regularly



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27	Enhance environmental and Earth Day programs to educate students and staff about biodiversity and ecology.	Each One Plant One drive ,Tree Plantation Drive etc were conducted o special days celebrated each year Staff and students are aware of the bio-diverse plants and trees growing in the campus. More such greens and flowering plants will be added to the already resplendent botanical garden of the college.
28	Involve more stakeholders in biodiversity audits to raise & awareness of environmental issues.	Institution has already adopted these recommendatins by creating awareness regarding plantation ,anti stubble burnig,Green Diwali.
29	Conduct biodiversity audits every five years to update information.	This recommendation will be converted into a viable proposal very soon and tabled in the upcoming meeting of the college council and IOAC.
30	Focus on horticulture and landscaping to maintain biodiversity	The Botany department of our institution will be requested to take up the project of landscaping in the college and also to add more bio-diverse plants to our botanical garden and Herbal Garden

Submitted by :

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