



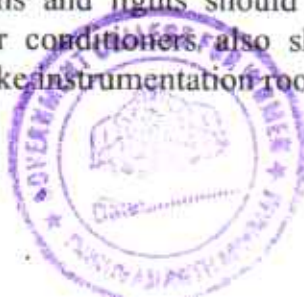
Govt. College for Women
Vazhuthacaud, Thiruvananthapuram-14
(Affiliated to University of Kerala)
Reaccredited by NAAC with 'A' grade
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Council decision Dated 04/06/2014

Circular No A1/ 134/ gcw dated 07/06/2014

'Green Policy Document' of Govt. College for Women Thiruvananthapuram

- (1) Greenery in the campus should be conserved by protecting the trees. Whenever a tree is cut under unavoidable circumstances, ten new saplings should be planted and taken care.
- (2) No horizontal expansion of existing buildings / new constructions is to be undertaken; only vertical growth on existing structures is to be allowed. The institutional development plans should be suitably revised accordingly.
- (3) Management of solid and liquid waste in the campus should be made fool proof in order to keep the campus premises clean. MoUs with local bodies or other agencies may be initiated for this.
- (4) It should be ensured that meals are only brought in steel/reusable tiffin boxes by avoiding disposable plastic and plantain leaf wraps.
- (5) Facilities for incineration of sanitary napkins should be there in the campus.
- (6) Mass cleaning drives organized by the NCC and NSS units should be there at least once in a month.
- (7) The activities of Green army should be strengthened and supported in the campus.
- (8) Awareness programmes focusing on clean campus, conservation of water and electricity, adverse impacts of plastic pollution and importance of sustainable growth and development should be arranged in the campus for the benefit of teachers and students.
- (9) All the electrical fittings like fans and lights should be replaced with more energy efficient ones. Use of air conditioners, also should be minimized by restricting the use only in places like instrumentation rooms and seminar halls.




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- (10) In order to minimise the use of fuels, travelling to the college by car should be avoided as far as possible; motor bikes or bicycles may be used instead. Use of 'shared car' also should be promoted.
- (11) A green approach should be followed in the seminars, training programmes and camps conducted in the campus by insisting the use of only steel cups, containers and plates for providing food and beverages.
- (12) Only cloth made banners/posters, cloth/paper bags, paper pens/pencils, are to be permitted during the seminars and training programmes, as far as possible.
- (13) All safety measures should be adopted for the safe and systematic use of laboratory chemicals, equipment and glassware. safe disposal of harmful chemicals and solvents after use should be ensured.
- (14) A policy for deduction of food waste at source itself aiming a 'zero waste' status should be undertaken by the college. Even if some food is wasted it should be advised to carry back to home instead of disposing it in the campus premises.
- (15) Drinking water should be allowed to bring only in steel or glass bottles to minimize the usage of plastic bottles.



Principals
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Brief Report on the Green Policy Initiatives

1. As part of the implementation of green policy and protocols, it has been decided by the college council to replace all incandescent / CFL lights with more energy efficient LED bulbs or tubes. The suggestion was approved by the Government of Kerala and financial support has been sanctioned by the Directorate of Collegiate Education through the asset maintenance fund. All the lights in the campus including the high mast lights are replaced with LED.
2. It has also been decided by the college council to install solar panels and lighting in the campus wherever possible. A solar panel with sensor based outer LED lamp was installed in the academic year 2016-17. Following to the request made to Thiruvananthapuram Corporation, the local body authorities expressed willingness to install solar power generation units in the campus. Work in connection with this is in progress in the campus premises.
3. Regarding the efforts of water conservation in the campus, two projects have been undertaken in the campus; one is the water harvesting process as part of the smart city programme of the Thiruvananthapuram Corporation and another one is a water harvesting project initiated by the Public Works Department of Govt. of Kerala. Both the projects are intended to utilize available water resources in a more conservative manner. Harvesting of rain water is definitely the most viable



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option for ensuring uninterrupted water supply in the campus, where the water supply is mostly managed through Kerala state water authority connections.

4. Special measures are adopted to minimise the use of electricity and water in the campus by creating awareness and campaigns. Teachers and students join in hands to cut short energy and water consumption substantially. Analysis of the energy and water audits could help the stakeholders in assessing the electricity and water wastage. As a result of the conservation efforts, the expenses towards electricity and water charges could be brought down considerably.
5. The college has also installed a high-tension transformer in the campus and all the buildings are now connected with new underground cables to minimize the transmission loss. The problems of low voltage and electricity leakage issues could be efficiently tackled by the functioning of the new transformer.
6. All electrical wirings are timely renewed / repaired to convert the whole electrical system more safe and power efficient. This has also ensured safe and hassle-free operation of sophisticated instruments in the central instrumentation facility and in the department labs. The use of ICT enabled tools also are greatly facilitated by this.


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Plastic Free Campus Policy

Circular no B 4/ 123 / GCW dated 13/05/2016

Reference:GO/MS no 323/Higher Edn. Dated 14/09/2015

Subject: Ban on single-use plastics in campus

Plastics, despite its convenience and low cost, are posing major threat to the livelihood of humans and other beings in the world. The environment is getting polluted at an alarming pace sparing no mediums due to plastics. So it is becoming a key responsibility of every citizen of our country not just to "Say No to Plastics" but also to create awareness among the community as whole to stop pollution and leave behind a green and pollution free place for our future generations. Thus, from the date of this Circular, *Government College for Women, Thiruvananthapuram, Kerala*, will implement the phase-wise ban on use of Plastics in its campus, in particular single use plastics.

Definitions: Campus: Anywhere within the boundary of the College.

Event: Any activity, meeting, conference, seminar, workshop, performance, speech, or gathering that takes place on the Campus.

Single use: Any item designed to be used once and then disposed of or destroyed. Single-use plastic food service ware: Any bags, straws, cups, containers, lids, cutlery, stirrers, or plates that are made of plastic and intended only for one-time use. This definition includes compostable or biodegradable plastics (such as oxo biodegradable or vegetable-based plastics) meeting these criteria.

Single-use plastic bottles: Any formed or moulded containers comprised predominantly of plastic resin and intended primarily as a single-use container containing any beverage for human consumption. This definition includes compostable or biodegradable plastic bottles meeting these criteria.

Single-use plastic banners: Any shape of banner made of plastic and intended only for onetime use. This definition includes compostable or biodegradable plastics (such as Oxo biodegradable or vegetable based plastics) meeting these criteria.

Environmentally-responsible alternatives: Any item or system that can replace the items restricted by the policy that is completely free of disposable plastic.

Compostable: Made solely of organic substances that break down into a stable product due to the action of bacteria in a controlled, aerobic process that result in a material safe and desirable as a soil amendment.

Biodegradable: Made solely of substances capable of being decomposed by bacteria or other living organism.

Scope Following the slogan REDUCE, REUSE & RECYCLE, the college has resolved to implement phase-wise ban of plastics in the following manner.

Phase -1 •

Ban on Single-use plastic packing materials in Canteen & stores.

- Identification & implementation of replacements for alternative food and beverages that are sold in canteen which comes in plastic packaging
- Ban on Single-use plastic bottles of 1 litre or less in volume for in-house meetings and events
- Reduction in usage of Single-use plastic banners
- Segregation of Non-Biodegradable plastics by House Keeping staff & safe disposal of the same through authorized agencies.
- Ban on use of plastic materials used for decorations at the events.

Implementation and Compliance

- The college will deploy a team of GREEN WARRIORS for the mission comprising Faculty advisors who will ensure the planning and implementation of this Phase-wise Plastic ban in the campus.
- They will thoroughly monitor the implementation of the ban and meet frequently to assess and discuss extent of ban.

- They also prepare the agenda for next phase of ban implementation.
- All departments inside the campus are responsible for organizing or hosting events and activities in college premises are responsible for ensuring compliance with the policy.
- College administration is responsible for ensuring that the necessary facilities and procedures are in place to enable implementation of the policy, with support from the Purchase Committee, Committee on Catering and others.
- The Committee will be responsible for ensuring that restricted items are not sold or distributed in catering outlets, vending machines, or retail outlets on campus.
- The Committee will also be responsible for ensuring that catering and retail outlets will use eco-friendly materials for their packing or serving of food & beverages.

Phase 2 Extending the message outside the campus

Awareness & Campaigns: The Green Warriors will also carry out awareness drives and sensitising workshops on the harmful impacts of single use plastics among the Students and Staff to encourage following

- Every student will strive to make household plastic free.
- Students to be incentivised to carry out similar campaigns at community level
- Installation of necessary alternative facilities like water units to avoid the purchase and use of plastic water bottles.
- Ensure presence of alternative solutions like cloth bags etc., to plastic bottles, covers and other goods on campuses.
- Conducting events and poster competitions etc. on designing ecological and environment friendly goods to minimise the use of single use plastic.

To be circulated to all HoDs



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GOVERNMENT COLLEGE FOR WOMEN, THIRUVANANTHAPURAM, KERALA

CIRCULAR no B4/127/GCW dated 13/05/2016

Reference: 26483/G1/15/11 Edn Thiruvananthapuram dt 12.10.2015

Government College for Women, Thiruvananthapuram, Kerala in a move to make campus student friendly and to convert the campus into a Vehicle Free Zone. Following is notified.

- Students are encouraged to park their vehicles in the designated parking area which is in front of the GV Raja Building (Economics Block).
- Staff members are requested to park their vehicles in the ground near to Continuing Education Centre.
- Rash driving/entry beyond the parking lot is not permitted.
- As GCW is an education institution, no honking of horns and use of vehicles without silencers is allowed inside the College.
- Students are encouraged to use bi-cycles through the pathways and can move around within the campus.

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