



Approving Official: Vice-Chancellor

Responsible Office: Administration

Effective Date: 02/08/2018

4th Revised Date: 19/12/2023

STRATEGY ON CAMPUS WASTE MANAGEMENT AND MEASUREMENT

Government College Women University Sialkot

1. Purpose and strategic statement:

GC Women University Sialkot produces biological, chemical, physical, and hazardous waste on daily basis. It is estimated that the university produces nearly 0.253 metric tons per day on average during normal campus activities. So, the institute is committed and to describing the environmental baseline conditions of the university; to assess the positive and negative effects of generated waste; and recommending appropriate mitigation measures to avoid or minimize any undesirable effects resulting from lab work, construction, cafeteria, dispensary, or any other waste.

2. Waste Categories and possible measures on campus:

Campus waste is divided into the four following main categories; however, waste is also monitored and managed in term of organic, inorganic waste:

2.1 Biological waste: includes mainly food, vegetation, dispensary waste, and sanitary waste.

2.2 Chemical waste: This mainly includes lab waste, photogenic waste, paint, and other chemicals.

2.3 Physical waste: covers plastic, paper, aluminum, wood, construction, and glass waste.

2.4 Hazardous waste: covers remaining fluorescent lights, and mercury batteries, and circuit breaker.

***Important:** GC Women University Sialkot has adopted guidelines for solid waste management (handling and dumping) drafted and recommended by Punjab EPA.*

3. Collaborative Committees: (Annexure 1)

Following departmental and central committees are collaborating in the effective implementation of campus waste management strategy.

Serial No.	Notified Committee	Notification No.	Date
1.	Camus Management Committee	D/REG/19/3152	02/12/2019
2.	Civil Works Committee	D/REG/19/3291	13/12/2019

3.	Departmental committees, Environmental Science Department	GCWUS/ESE/2020/20,21	10/08/2020
4.	Environment and Sustainability Committee	D/REG/Comm/20/85	08/01/2020

4. Waste Calculations:

Annual waste calculation is planned to calculate as per following format:

Waste calculations for the year 2023 is as following:

Recyclable waste: 44%

Composting: 43.20%

Landfill: 7.5%

Miscellaneous: 5.3%

- o **Volume of waste generation: (0.253 metric tons per day)**

Departments	Compostable	Miscellaneous	Recyclable	Landfill	Daily	Monthly	Annual
Student hostels	0.01	0.001	0.007	0.003	0.021	0.63	7.56
Administrative Offices	0.007	0.005	0.004	0.004	0.02	0.6	7.2
Academic rooms	0.01	0.001	0.007	0.002	0.02	0.6	7.2
Cafeteria	0.012	0.001	0.008	0.001	0.022	0.66	7.92
Laboratories	0.0002	0.0002	0.006	0.0036	0.01	0.3	3.6
Green and Open area	0.07	0.005	0.08	0.005	0.16	4.8	57.6
Total	0.1092	0.0132	0.112	0.0186	0.253	7.59	91.08

5. Review Committee

Environment and Sustainability Committee.