



R.S.D.
COLLEGE
FEROZEPUR CITY-152002

NAAC ACCREDITED PREMIER POST GRADUATE CO- EDUCATIONAL INSTITUTION
(AFFILIATED TO PANJAB UNIVERSITY, CHANDIGARH)

Ph. No. 01632-502250

rsdcollege@yahoo.com

www.rsdcollege.com

Ref. No. RSD/207/23-24
Date: 04-05-2023

It is certified and authenticated that the file contains 3 pages related to point 7.1.2.
The detail of the file is as follows:

Sr. No.	Detail of Documents	Page No.
1.	The Institution has facilities and initiatives for- (description) 1. Alternate sources of energy and energy conservation measures 2. Management of the various types of degradable and non degradable waste 3. Water conservation 4. Green campus initiatives 5. Disabled-friendly, barrier free Environment	1-3


Officiating Principal
R.S.D. College
Ferozepur City

7.1.2 – The Institution has facilities and initiatives for:

The institution has facilities and initiatives for

- 1. Alternate sources of Energy Conservation Measure**
- 2. Management of the various types of degradable and non-degradable waste**
- 3. Water conservation**
- 4. Green campus initiatives**
- 5. Disabled-friendly, barrier free Environment**

1. Alternate sources of Energy Conservation Measure

Energy Conservation

- The incandescent bulbs are replaced with LED lights.
 - Old fans are replaced with low power consumption fans.
 - Solar Heater is used to reduce annual energy bills to deliver hot water.
 - Solar Panel of 10 KW is incorporated in campus to generate required amount of electricity.
 - Monitoring of energy usage and efficient utilisation measures are followed in college time to time.
- 2. Facilities in the Institution for the management of the following types of degradable and non-degradable waste.**
 - **Solid waste management**
 - **Biomedical waste management**
 - **Liquid Waste Management**
 - **E-waste management**

The college has a policy on waste management in order to maintain an environmentally friendly campus and to set an example of rehabilitation and sustainable development goal.

- **Solid Waste Management:**

Both biodegradable and non-biodegradable garbage produced on campus is strictly monitored and managed by the college. The campus is equipped with bins for biodegradable (Green Bins) and non-biodegradable (Blue Bins) waste items to be separated at the campus. College generally has green waste in college campus which is used for natural manure. Everyone is dissuaded from using plastic bags. Wearing of Masks & gloves are compulsory for sweepers to dispose of waste.

- **Biomedical Waste Management:**

Biomedical waste is collected by Amritsar Envirocare System (P) Ltd time to time. Autoclaves are used for sterilization process before disposing off microbial waste. Needle Cutter being used to dispose of used needles .There are different types of dustbins for disposal of waste of biomedical waste as per their color coding- Red, Yellow and Green Dustbins.

- **Liquid Waste Management**

RO reject and condensate from AC's is used for watering plants and mopping. Waste water while drinking is carried to nearby lawns through pipes. The institution has operational liquid waste treatment facilities in the chemistry. The Hazardous liquid from chemistry labs is made chemical free by Effluent Treatment Plant (ETP) and then it is drained. The sewage system is correctly connected to the toilets, which are cleaned and maintained on a regular basis for hygienic purposes. It is regularly checked to make sure that the campus doesn't have any leaks in the pipes.

- **E-Waste Management**

For the purpose of E-Waste Management, after the process of refilling, printer cartridges are used again, and the safe components that cannot be used again are given to a scrapper for recycling. By installing high-quality, long-lasting equipment, the production of electronic waste is reduced. College sells E-Waste to authorized 'Cosmos Recycling Agency' which visits the campus time to time to collect E- waste.

3. Water Conservation facilities available in the institution

- **Rain water conservation :**

There is a well for water conservation in the college. The well is 20 feet deep filled with concrete. Rainwater that runs off from rooftops, parks, roads, open grounds, is purified through concrete, and then water seeps down to the ground water.

- **Bore well:**

There are three bore wells in the Campus at different locations. One is present in girls parking area which is 450 feet deep. The second borewell is near the Commerce block which is 750 feet deep and the third one is in Girls Hostel which is 300 feet deep.

4. Green Campus Initiatives

The institution has initiatives for greening such as restricted entry of automobiles, use of bicycles/battery-powered vehicles, landscaping with trees & plants, ban on use of plastic and others.

- **Restricted entry of automobiles:** There are different parking areas for girls and boys outside the campus which restrict the entry of large number of vehicles inside the college campus and it also helps in reducing pollution in the campus
- **Use of bicycles/Battery-powered vehicles:** Few students of the College use bicycles/battery-powered vehicles as their mode of conveyance making it environment friendly.
- **Ban on use of plastic:** There are posters and boards at different places in the campus showing harmful effects of using plastic which motivate the students to reduce the use of plastic in their daily life.
- **Landscaping with trees and plants:** There are five lawns in the college campus and one lawn in Girls' hostel with different types of plants such as herbs, shrubs, trees, climbers etc. which not only provides aesthetic value to the campus but also making it environment friendly.

Total area of RSD College is 30364 square meters. Total built up area is 16550 square meters including Administration Block, Science Block, Computer Block, Commerce Block, Arts Block, B.Voc. (MLMDT) Building, Multipurpose Hall, New Hall, Milkha Singh Hall, Library, Girls' Common Room, Girls' Hostel, and Canteen. Total open area is 13814 square meters including lawns, playground and roads. Total green area is 3940 square meters including lawns of college campus and lawn of Girls' hostel.

5. Differently abled (Divyangjan) friendliness

College has various facilities for differently abled students such as Ramps to different departments, disabled-friendly washrooms, restrooms etc. Wheel chairs and an assistant also have been provided to the students. Recorded Study material and scholarship has provided to physically disabled students. Scribes are also given to help blind students during exams.

- **Built environment with ramps for easy access to classrooms**

There are ramps in front of different departments of the campus so that especially abled students could reach their classrooms and other departments easily.

- **Signage including Display boards and signposts**

There are display boards and signposts almost everywhere such as outside every department, seminar hall, washrooms, canteen, Labs, common room, Multipurpose block, Administrative block, different halls, Women's cell and Counselling cell etc. in the Campus.

- **Assistive technology and facilities for persons with Divyangjan accessible mechanised equipment**

The teachers provide study material through different methods such as audio recording to the blind students so that they can record that material in their cell phones using flex-top recorder.

- **Provision for enquiry and information: Human assistance, reader, scribe**

The College provides proper facilities to the blind students so that they can bring their writer along with.