



**OFFICE OF THE DIRECTOR/PRINCIPAL  
GOVERNMENT COLLEGE OF PHARMACY, ROHRU  
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH  
(An ISO 9001:2015 Certified Institute)**

Recognized by PCI/AICTE, New Delhi; Affiliated to Himachal Pradesh Technical University, Hamirpur  
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# Govt. College of Pharmacy, Rohru

## District Shimla, Himachal Pradesh

### DVV Clarification


### Supporting Documents for 7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities

#### Kindly provide:

- 1) Policy document on environment and energy usage
- 2) Green Audit / Environment Audit / Energy Audit reports by involving the one external expert of the accredited Institution / Government / Govt. recognised organization.
- 3) Certificate from the auditing agency.
- 4) Certificates of the awards received from the recognized agency.

  
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### **HEI Input under 7.1.3: C. Any 2 of the above**

The two inputs applicable includes:

3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities


As of now, green audit, energy audit and environmental audit has not been conducted, therefore, the information regarding these cannot be not provided. Moreover, since the audit was not conducted, there are no certificates or awards to mention. Moreover, the institute has realized the importance of these audits and has initiated the process of the same.

As per the clarification desired in DVV, the available information is provided below:



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## **1. Policy document on environment and energy usage**



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No. 295

Dated:- 1-3-2021

### **ENERGY CONSERVATION POLICY**

To promote environmental consciousness among student Govt. College of Pharmacy, Rohru has adopted Energy Conservation Policy for an "Environment of Educational Excellence." The institution aims to realistically and comprehensively reduce energy consumption, assure acceptable indoor air quality and improve energy efficiency on campus through methods that are consistent with a safe, secure, and Eco-conscious campus community. As outlined in this policy, energy conservation will be accomplished by developing a proactive and progressive approach to providing energy efficient, responsible, and cost-effective operations on campus.

Energy conservation practices and eco-friendly habits are inculcated among students and staff through cautioning them about simple things which are really effective to reduce Electricity Consumption like students and staff turning off all lights, appliances and electronics not in use.

Our Energy conservation practices include the College replacing all tube lights with LED tubes, LED bulbs being the most energy efficient lighting option. LED tubes use 75% less electricity than incandescent tubes (Energy Star). LED tubes last about 25 times longer than traditional incandescent tubes. 100 percent of lighting requirement is met through LED.

GCP Rohru has developed a plan to save energy at the institution level with time-bound plan towards energy conservation. Thus the institution has adopted a mechanism to use renewable energy and install Solar Power Station in the Girls Hostel. This not only enables the institute to have 24x7 power supply but also ensures that renewable energy is used to meet considerable degree of power requirement, thus subscribing to Environmental Sustainability.


Energy Conservation Policy Raising Awareness on Energy Conservation: Sustainability efforts, energy savings, and greenhouse gas inventory metrics are all high priorities to a

college and more importantly, to our students. When engaging in a master energy plan or energy savings renovation project, there is an excellent opportunity to build student support around campus sustainability. Energy improvements occur mostly out of sight so raising awareness of these projects can hold real benefits, including encouraging desired behavior on how a campus building can and should be used to contribute to a college's carbon footprint reduction goals. Rising utility rates are generally a fact of life. Just like inflation, the cost of electricity, gas, and water will go up a few percentage points each year. Whether all at once or over time, utility rate increases can wreak havoc on the operations budgets for the college.

Save Energy TIPS to be followed:

1. Activate power management features on computer and monitor so that it will go into a low power "sleep" mode when the students and staff are not working on it.
2. Turn off the monitor when the students and staff leave the table.
3. Activate power management features on laser printer.
4. Whenever possible, shut down rather than logging off.
5. Turn off unnecessary lights and use daylight instead.
6. Avoid the use of decorative lighting.
7. Use LED or compact fluorescent bulbs.
8. Keep lights off in conference halls, classrooms, seminar halls when they are not in use.
9. Use the fans only when they are needed.
10. Unplug appliances not plugged into power strips (Like TVs, Refrigerators, ACs, tea/coffeepots, printers, and chargers etc.)



  
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No. 296

Dated:- 1-3-21

### **PLASTIC FREE CAMPUS POLICY**

Plastics, being a Hazardous element in the society posing a major threat to the livelihood of mankind and other being in the world. The environment is getting polluted at the never before 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 this pollution and leave behind a green and pollution free place for our future generations. So strongly supporting the cause Govt. College of Pharmacy, Rohru implements the phase-wise ban on use of Plastics in its campus, in particular single use plastics.

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

#### Phase -1

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

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 the 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 management 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.

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

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



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### **WATER CONSERVATION POLICY**

Water is so essential for life that it's simply impossible to imagine life without water. India has 16% of the world's population and only 4% of the world's water resources are available for use, and that too are depleting rapidly. The demand for water is expected to grow. The uneconomical and unethical use of water by human beings is the sole reason for the exploitation and deterioration of this valuable natural resource. Thus, both quality and quantity of water are at stake and have to be taken care of. It's the moral duty and social responsibility of each individual and community as a whole to contribute to conserve water and rejuvenate the water resources. In this direction Govt. College of Pharmacy, Rohru has made efforts to ensure water conservation and water harvesting. The primary goal of water conservation policy is to provide safe and clean water in whole campus area. Student and staff engaged play a major role in our water sustainability strategies. The college is implementing water efficient practices and the following steps have been undertaken:

- Storage of Municipal supply water in underground water storage tank to reduce the supply of water in whole campus area.
- Ensuring the improvement of drinking water quality by installation of water purifiers in many places in the campus.
- Establishing rain water harvesting system with a capacity of 1,00,000 liters/year in the campus area to recharge ground water.
- College campus with overhead tanks for storage and uniform distribution of water in the campus area and one water percolation pit of 10 feet depth as an additional open receptacle for rainwater harvesting for water recharging point and watering the garden plants.
- The college fixes leakages immediately and performs periodic maintenance required to prevent water loss.



- Organizing Water Harvesting/Conservation Awareness Drive to create awareness of water conservation and water harvesting among students; several competitions in relation to that should be organized from time to time.
- Organizing special lectures on water management to draw the attention of the students towards the alarming consequences of uneconomical use of water and water pollution.
- Wastewater management: Incompliance with the principle of Reuse Potted plants have been placed below the outlets of Air Conditioners and water purifiers to ensure least water wastage as well as the beautification of the campus.



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### POLICY FOR LIMITED ENTRY OF AUTOMOBILES IN THE CAMPUS

A large number of faculty and students of the institution use the transport provided by the management. A small section of the students and staff use public transport also. Many of the members of the faculty are encouraged to do vehicle pooling to reduce the vehicular usage and pollution. Vehicles are parked away from the academic buildings to reduce the sound and air pollution. The campus possesses well laid roads which are friendly to the inmates of the campus. The following guidelines should be followed

- No type of vehicles shall be used during celebrations inside the college Campus/ Hostels.
- Students' vehicles shall be allowed only up to the designated parking area. Entry beyond that point is strictly prohibited.
- Students shall park their Two-wheelers in the parking area.
- Two wheelers of any kind shall not be permitted inside campus, until a student has passed all papers during their first two semesters.
- Vehicles must be parked only in allotted slots.
- All motor rules which are enforced by the road transport authority shall be applicable inside campus.
- Vehicle speeds shall be limited to 10 Km/hr inside campus.
- Any violation of these rules shall lead to revoking of parking permit.
- Students are strongly advised to use public transport/bicycles for commuting to college to promote the green initiatives of the college.



  
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### TREE PLANTATION POLICY

Trees are the foremost source for producing the oxygen in environment, they help to reduce the level of CO<sub>2</sub>. As we all know that the whole world is facing the problem of global warming and to recover from such problem planting the trees is become one of the most important aspects today. With the vision to sensitize the importance of green environment, Govt. College of Pharmacy, Rohru under National Service Scheme (NSS) time to time organize tree plantation programme along road side and inside the college premises. The aim of the policy is to fulfill the following outlined objectives:

- To educate the students about their immediate environment.
- To impart knowledge on eco system.
- To involve young learner in efforts to preserve environment.
- To create a clean and green consciousness among students.
- Planting trees connects students with nature and shows them that their hard work makes a difference in the world.
- To provide multi-disciplinary learning for students of all ages.
- The students get a sense of purpose, a sense of ownership, they are doing something for themselves, their college and society and they really enjoy that.
- To bring students and teachers much close together to spend a day for society.



  
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### **WASTE MANAGEMENT POLICY**

Sustainable and holistic waste management essential in reducing its environmental footprint and providing a safe and healthy work environment for teaching and non-teaching employees, students, and visitors. The College has a duty to ensure that all the campus wastes are disposed of responsibly by using proper waste segregation mechanism at the source and if possible, converting it into value added environment friendly product. Furthermore, the Solid & Chemical hazardous waste should be disposed or managed by government approved registered waste contractors.

The College will adopt the principles of the 'best practicable environmental option' in the delivery of its waste management services. The College will apply a 'waste hierarchical approach', to reduce, reuse, recycle and recover waste products in preference to the disposal of waste to landfill. The College recognizes the importance of meeting these legal requirements and to manage its waste responsibly, reduce the volume of waste sent to landfill and maximize reuse and recycling where possible. The College requires all the teaching and non-teaching staff, students, guests and anyone else making use of the premises to comply with this Policy and associated "College Environmental Guidance" to ensure compliance with all waste legislations. Any solid waste generated in the campus shall be managed and handled in accordance with the compliance criteria and the procedure lay down in Municipal Solid Waste. There is a legal requirement for all who produce, keep or dispose hazardous/chemical waste of any type to comply with the various regulations under national and international environmental protection legislation. The following responsibilities has to be fulfilled by the waste management committee.

- Monitoring the day to day delivery of general waste and their recycling services.
- Operational monitoring of waste management systems.
- Ensuring that no hazardous waste is disposed of through the general or waste recycling streams.
- Nominating a 'responsible person' within their department to coordinate waste disposal for any hazardous or laboratory wastes.
- Ensuring that waste of office and residence is disposed off responsibly through proper waste disposal system.
- The waste could either be recycled /reused or disposed of in captive or common treatment, storage and disposed facilities available in the campus or incinerated.
- Animal house/bio-medical waste management and disposal will be governed by Bio-Medical Waste (Management and Handling) Rules, 1998, Govt. of India.
- Degradable and non-biodegradable waste will be segregated and treated according to their physical nature.



  
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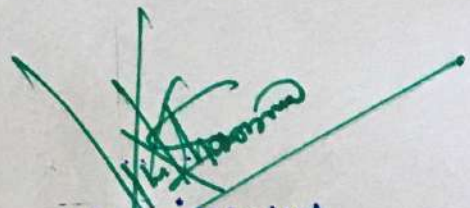
### Supporting Document for 7.1.3

The institute has taken several initiatives to comply with the mandatory guidelines of Govt authorities including AICTE, PCI and HPTU. These measures and initiative include the audit of environment and energy resources and energy usage by the institute.

The institute always encourages saving of energy and dependence on renewable resources of energy. The institute has substituted the regular equipment's consuming high electricity (bulbs, tubes etc.) with the energy saving equipment's as per the Govt/departmental directions. The installation of solar panel (heating) for Girl's hostel is another step toward saving electricity. All the offices/labs are also directed to use the natural light as far as possible during bright day time. Beside this the different blocks/buildings is fitted with aluminium glass so that only for lightning purpose use of electricity is avoided.

The institute has taken multiple steps and initiative for clean and green campus. The parking sites are particularly fixed in the campus where honking and car washing is totally prohibited in the campus. Also, the faculty and students are encouraged for carpooling. The institute regularly conducts tree plantation drives where not only ornamental plants are planted but also plants having medicinal value are planted in the herbal garden of the institute. The vast campus of the institute has been divided among the students of different semesters and they have been directed to plant and take care of at least one plant. The specifically designated beautification In charge and NSS nodal officer has taken regular initiatives for campus beautification always.

The institute being in the vicinity of villages also has taken several steps to spread awareness regarding issues of national importance among nearby villagers. Also, the NNS unit of institute has adopted a nearby village (Karalash, Tehsil Rohru) as per the guidelines of NSS where the NSS unit regularly conducts social awareness drives including awareness campaign against drug abuse, cleanliness of natural water resources etc.

  
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**3. Clean and green campus initiatives**

**4. Beyond the campus environmental promotion activities**

S. No.	Name of the activity	Name of the scheme	Year
1	Campus Cleaning Drive	Swachh Bharat Abhiyan	2017
2	Swachh Bharat Unnat Bharat Guest Lecture By Dr. Umesh Narta	Swachh Bharat Abhiyan	2018
3	Swachh Bharat Awareness Programme at adopted Village Kansakoti	Swachh Bharat Abhiyan	2018
4	Campus Cleaning Drive	Swachh Bharat Abhiyan	2018
5	World Environment day	National Days Celebration	2019-2020
6	World Nature Conservation day	National Days Celebration	2019-2020
7	Guest Lecture on Deforestation and environmental conservation :Role and responsibility of Youth	Sensitizing Students to Social Issues	2019-2020
8	No Plastic Campaign	Swachh Bharat Abhiyan	2019-2020
9	Cannabis Eradication Drive	Sensitizing Students to Social Issues	2019-2020
10	Plantation drive at and beautification of college campus	Swachh Bharat Abhiyan	2021-2022
11	7 Days Special camps activities	Azadi ka Amrit Mahotsav	2021-2022

  
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12	World Environment day	National Days Celebration	2021-2022
13	Plantation drive at Dyarmoli	Swachh Bharat Abhiyan	2021-2022
14	Cleanliness Drive, Plantation Drive on Swachhta Abhiyan	Swachh Bharat Abhiyan	2021-2022
15	Campus beautification, Plantation Drive, Poster Making, slogan Writing on occasion of World Environment Day	National Days Celebration	2021-2022

  
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**Clean and green campus initiatives and beyond the campus environmental promotion activities**



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## रोहडू में मनाया स्वच्छता अभियान

रोहडू। राजकीय बहुतकनीकी संस्थान रोहडू में 12 अगस्त को स्वच्छ हिमाचल अभियान मनाया गया। इसके अंतर्गत स्वच्छता श्रमदान महोत्सव का आयोजन किया गया।

संस्थान में अभियान के तहत संस्थान के चारों ओर उगे भांग के पौधों के अतिरिक्त खरपतवार को उखाड़ा गया। इसके अलावा संस्थान के प्रशिक्षकों ने पेयजल स्रोत को भी साफ किया।

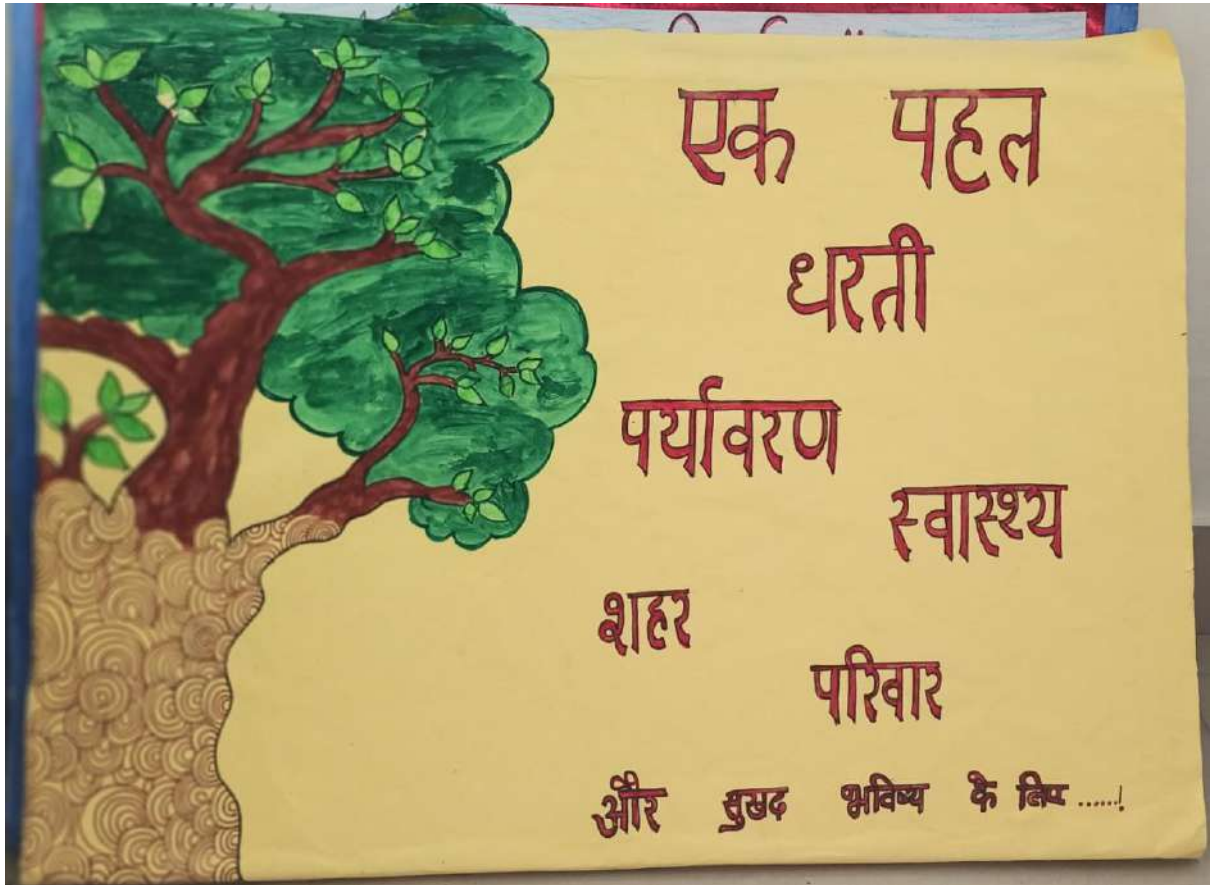
इस अभियान में संस्थान के प्रधानाचार्य एवम सभी अधिकारी, कर्मचारी तथा छात्र व छात्राओं ने भाग लिया।

कार्यक्रम के माध्यम से सभी ने लोगों से अपने आसपास के परिवेश को साफ सुथरा रखने की अपील की। संवाद




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