

Dayananda Sagar College of Arts, Science & Commerce
IQAC - NAAC

7.1.2. Green and Eco Friendly Environment

A Green Campus is a place where environmentally friendly practices and education combine to promote sustainable and eco-friendly practices in the campus. The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental and social needs of the students and faculty members. The following Green Campus features are followed in DSCASC.

1. **Solar Power Usage:** In current scenario, electricity generating through renewable source has gained more importance among the education institutions. Solar electricity is one way to power the college that benefits the environment. There are no direct greenhouse gas emissions because the electricity is made from sunlight rather than burning fossil fuels. Solar panels are installed at roof top of MCA block, Nursing and Paramedical science buildings for generating electricity.



Photo 1.1 : Solar panels installed in MCA block



Photo 1.2: Solar panels installed in science block

2. **Wastewater Management:** The wastewater management is highly essential in college environment. The main objective of wastewater management is to clean and protect water. This means water must be clean enough so that it can be used for gardening purpose. The liquid waste water management generated per day by the college is 50,000 LPD.
3. **Rain Water Harvesting:** Rain Water Harvesting in college premises provides sources of soft, high quality water that reduces dependence on well and is economically cheaper in construction compared to other sources, i.e. bore well, canal etc. A suitable Rain Water Harvesting design as recommended and approved by BBMP is followed in Dayananda Sagar College. The amount of water utilized through Rain Water Harvesting is 10 lakhs litres per annum.
4. **Ban on Mobile usage:** The use of mobile phone is strictly banned inside DSI Campus on all working days. This is applicable to visitors, students, faculty members of Dayananda Sagar college of arts, science and commerce. If the visitors, students and faculty members found using mobile phone in the campus, the same will be confiscated by security and will not be returned.

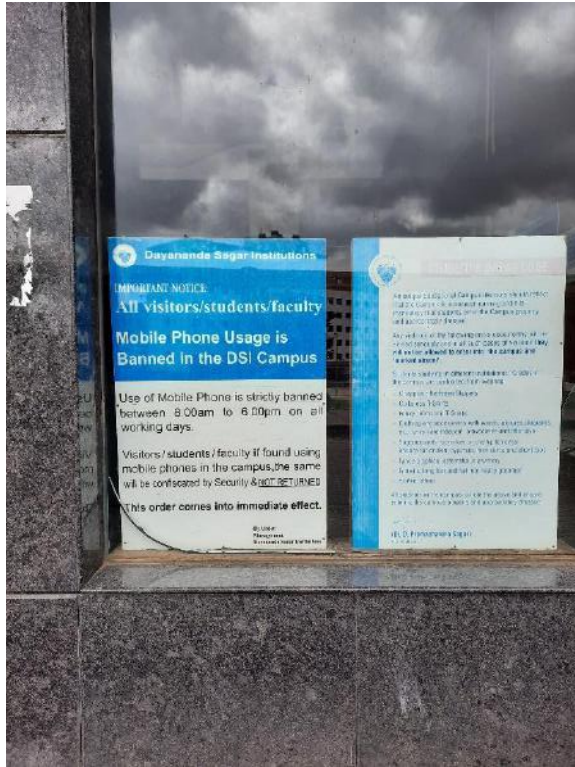


Photo 4.1 : Information about mobile phone ban inside college premises



Photo 4.2 : Information about mobile phone ban inside college premises

5. **Ban on Polythene usage:** The use of polythene bags is strictly banned inside DSI campus. To inculcate the idea of plastic free living amongst the students, faculty members and to combat the environmental impacts of plastic waste while making DSCASC more sustainable, the college has banned the usage of take-away plastic cups, lunch wrapped in disposable plastic packaging, disposable food-service cups and plates, and plastic bags within campus.

6. **Institute park / Rock Garden:** The Rock Garden helps to extend the classroom beyond traditional settings by expanding it outside and provide students with hands-on learning opportunities while increasing environmental awareness. It helps the students of DSCASC to connect with the green environment which provides various health benefits. The activities such as Tree plantation drive and Management games are conducted frequently to the students of DSCASC in the rock garden.



Photo 6.1: Entrance of Rock Garden



Photo 6.2: View of Rock Garden



Photo 6.3: Students of DSCASC planting trees at Rock Garden

7. **Use of LEDs:** LEDs within college campus enables to achieve significant reductions in energy and maintenance costs while refining on-campus visual experiences for students and faculty members. It often provides improves visibility in classrooms, offices and common areas leading to a more productive

learning environment and last longer than fluorescent bulb and also generate less heat and don't emit harmful UV light which reduces eye fatigue.



Photo 7.1 : LED lights in common areas within college premises



7.2: LED lights in common areas within college premises

8. **Amphi Theatre:** An excellent “Open Amphi-theatre” hosts various academic and extra-curricular activities. Students of DSCASC use this platform for their cultural programs, fresher’s day, farewell day etc to showcase their talents.



Photo 8.1: View of Amphi Theatre



Photo 8.2: Students hosting Fresher’s day at Amphi Theatre

