



DPG DEGREE COLLEGE
(Affiliated to MDU, Rohtak)

Sector-34, Near Marble Market, Gurugram 122001

7.2 Best Practices

BEST PRACTICE I

1. Title of the Best Practice

Sustainable & Green Campus

2. The Context

Today there is a great need for conservation because we are facing several environment problems. The main caused behind these problems is that human beings are consuming natural resources at a much quicker pace than they can be replenished. Also, Pollution is a very serious concern in the NCR region due to heavy traffic, deforestation and urbanization. Our main focus behind this Green campus program is to ensure the sustainability of sufficient resources for our future generation. But the main challenge is the proper translation of the education for sustainable development into practice so that it can be more effective. Any new development should consider and maintain the proper balance of economic, social and environmental conditions. More stress is being given on the proper infrastructure development so as to continue and maintain the green practices.

3. Objectives of the Practice

We have identified the following objectives which are in tune with the practice

1. To promote awareness of environmental issues among the students, staff and society.
2. To achieve better sustainability on the campus and improve the quality of life of all the stakeholders.
3. To conserve water resources through rainwater harvesting.
4. To plant rare and medicinal/herbal plants on the college campus
5. To use renewable energy resources (solar energy).

4. The Practice

Campus-wide initiatives at reducing, reusing and recycling are helping it achieve a green code of living which includes:

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- **Use of renewable energy:** Installation of a modern and hi-tech rooftop Solar PV system. On an average, the solar energy fulfils 31% of the electricity consumption of the college with a maximum of percentage solar consumption clicking in the month of March, 2023 .
- **Energy Conservation:** The policy on energy conservation highlights on developing a proactive and progressive approach to providing energy efficient, responsible, and cost-effective operations on campus. LED lighting to reduce heat load, as well as abundant natural light makes the building energy efficient.
- **Water harvesting:** Rain water harvesting system with pipes going well below ground level.
- **Sewage management:** Sewage treatment plant to ensure zero discharge to municipal sewer line with plans to use treated water for horticulture. Garbage handed over to MCG for proper disposal. No hazardous waste produced on campus.
- **Plantations:** Lush green gardens all around the campus.
- **E-waste management:** Disposal of e-waste is an emerging global environment and a public health issue. All loosely discarded e-waste is collected at the institute and handed over to external vendors.

5. Evidence of Success

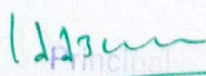
This best practice has proven to be successful through the following activities:

- a. Through periodical tree plantations, Flora and Fauna on the campus has enriched, which has turned into eco-friendly campus.
- b. Out of total required, approx. 31% electrical power consumption per month is met through the use of Solar Energy.
- c. Green audit and Energy audit of the campus is done to display the green efficiency of college.
- d. A mandatory course on Environmental awareness at B.A/B.Sc. /B. Com level.
- e. Water conservation methods employed are helping maintaining gardens and campus green and eco-friendly.

6. Problems Encountered and Resources Required

While carrying out this practice, following problem are encountered by the college.

- a. Green Campus initiatives are challenging so it requires determination and a long-term assurance from all the stakeholders.
- b. Good public transport in the neighbourhood is need so that use of personal vehicles can be discouraged.
- c. Green Campus initiative is rather expensive practice. It needs an expert advice and investment of resources.


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d. University needs government support for taking many green initiatives like installing more solar panels, installing automatic switches for saving electricity, equipment for measuring air quality and Recycling machines.

e. Being in NCR, pollution levels in this area are generally higher hence government help to reduce pollution in the neighbourhood help the university in maintaining green and pollution free campus.

BEST PRACTICE II

1. Title of the Practice

Mentoring system for students

2. Objectives of the Practice

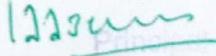
To minimize dropouts, improve performance and reduce stress of the students through personal counselling.

3. The Context

Students undergo various problems of stress- personal, academic, physical, mental. Students are new to professional college life. It creates a lot of stress, especially to hostel students who are away from family for the first time. Students from educationally weak background feel complex and hesitations in class and unable to perform well due to inhibitions. Statistics reveal increasing number of suicides and dropouts. Considering the student-teacher ratio in classrooms, it is difficult at times to give personal attention to students in class. One solution therefore is a 'Mentor' who can form the bond with students in the true sense. Mentoring is required for students to achieve emotional stability and to promote clarity in thinking and decision making for overall progress.

4. The Practice

- Each teacher is assigned around 25-30 students for the complete duration of their study.
- They meet at least once a month to discuss, clarify and share various problems which may be personal or academic, etc.
- The mentors encourage the students to participate in co-curricular and extracurricular activities and sports.
- Their academic performance and other activities are all recorded.
- The mentors also keep in touch with the parents on their attendance, test performance, fee payment, examinations etc on weekly basis
- The mentors also counsel the students in need of emotional problems.
- When the students have any problem in any department either with the staff or with work completion the mentors speak with the respective staff and sorts out the problem.


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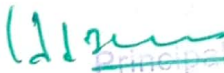
- Mentors take special care of weak students, who are given advice on how to study, prepare a time table for study and clarify the doubts and also given notes to study.
- Chief Mentor of department takes the progress of counselling of students by mentors.
- Students problems are discussed with the departmental heads, other faculties and necessary action taken to solve it.

5. Evidence of Success

Evidence of success of the practice includes university ranks, better results in the examinations, improved attendance, less drop outs, increased participation in co-curricular and extracurricular activities, better discipline on campus and respectful relationship between teachers and students. The students are more relaxed and have a healthy relationship with the staffs.

6. Problems Encountered and Resources Required

This practice requires committed teaching staff that has the desire to help students beyond teaching hours. There are no limitations or constraints faced during implementing the program.


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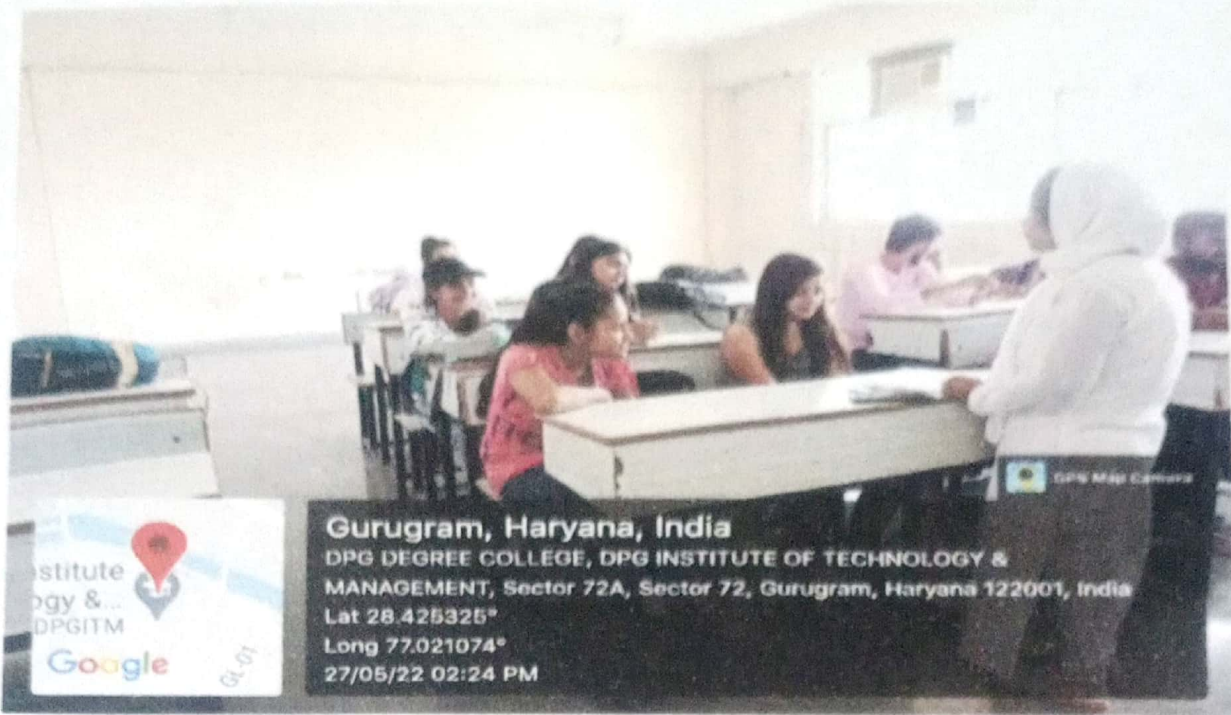
Mentor - Mentee meeting



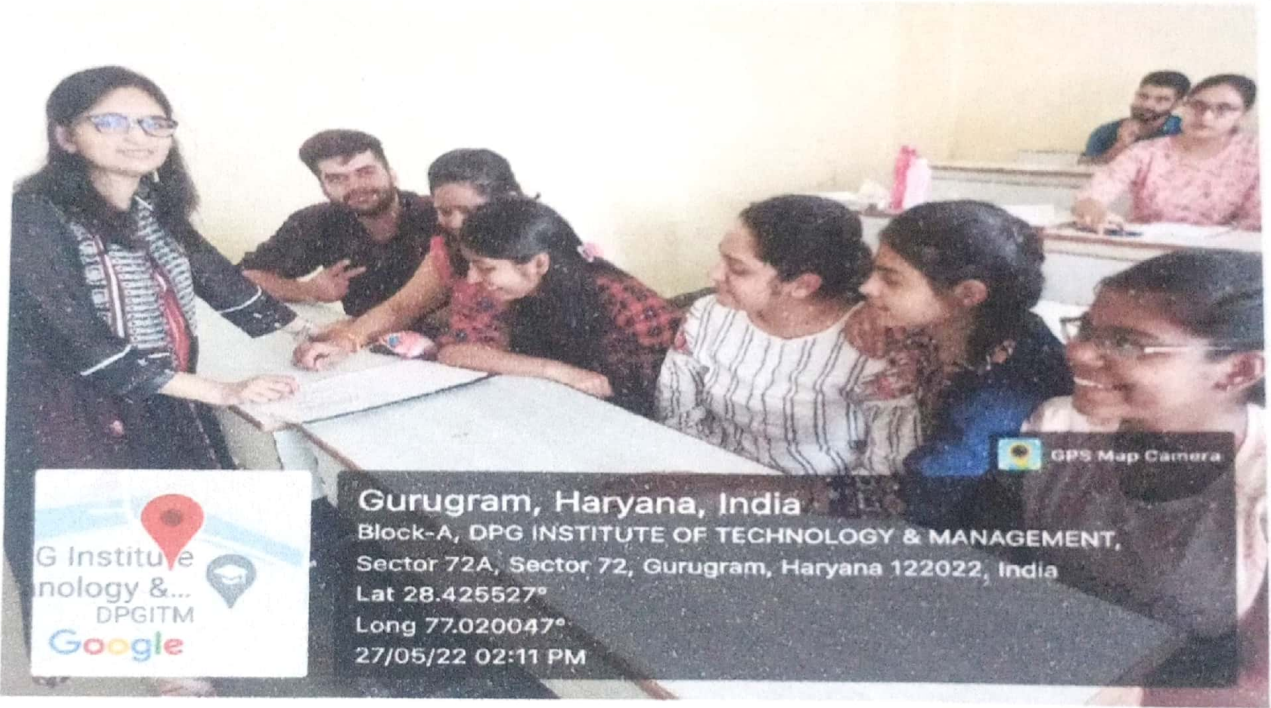
Mentor - Mentee meeting



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