



BEST PRACTICES 1

HAREETIMA



Shyamlal Pandviya Govt. P.G. College Morar

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Shyamlal Pandviya Government College, Morar, Gwalior

7.2.1 Best Practices, (1) HAREETIMA

Practices:

The following initiatives have been taken in the campus to contribute to the noble cause of Environmental Consciousness and Sustainability:

I. Green Campus Campaign: The College familiarized green campus campaign to promote sustainable and eco-friendly follows in the campus and to make the earth inhabitable for living beings which is essential for the profitability of future generations. Regular garden maintenance is done by gardeners and green campus volunteers take care of highly oxygen friendly flora such as Banyan tree, neem Tree, Amla tree, satparni, Bel, Karanj, arjun, Putranjiva, Gul Mohar, Chilbil and Sheesam etc. Campus also has a variety of ornamental plants such as Arica palms, snake plants, spiders, Satawar, Vincarosea, Ruellia and varieties of lilies.

II. Plastic Free Campus: The programme aims to reduce plastic pollution in the college campus with special focus on the reduction and elimination of plastic bottles, plastic straws, utensils and plastic food packaging. Instead of buying bottled water students are encouraged students to use refillable like stainless steel bottles or glasses instead of plastic bottles.

III. Waste Diversion: The College has executed composting programmes. Separate dust bins are provided to collect degradable and non-degradable wastes in solid, liquid and E-waste forms. The biodegradable waste is put in the Vermicompost units so that it gets converted into organic manure. The non-degradable waste is given to approve local vendors. E-waste, like mother board etc. is used by the students to retrieve important electronic components

for reuse in project works.

IV. Water Usage: The rain water harvesting system was established in the campus for the effective management of water. This innovative measure has contributed tremendously towards

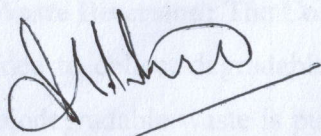
the alleviation of water shortage. Rain water harvesting and waste diversion was beneficial for drinking water.

V. Energy Management: The College implemented various methods to save energy. The LED bulbs are used in the campus.

VI. Plantation Drive: The College has organized plantation drive time to time. More than 200 plants were planted in college campus during last five years. On the recommendations of the IQAC, the College has decided that trees will be given QR code for identification, creating awareness and underlining the importance of flora in the campus. The process is under active consideration

VII. Various green initiatives are taken by NSS, NCC (Army and Naval Wing) and Eco-Club to encourage students' engagement and participation in various awareness drives. On the recommendations of the IQAC, these clubs were formed and they organize various programs in and outside the college on environment related issues drives of the campus, tree plantation, displaying instructions and writing slogans in the campus and outside as well.

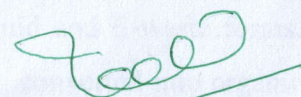
VIII. Other Practices: Environment Education is a part of our curriculum. Our students understand the value of extras derived from clean and green environment. Energy consumption in the college has been drastically minimized by arranging awareness programs on the indispensability and compulsion of energy saving besides putting stickers(Switch off the equipment and lights when not required) on switchboards and all connected places.



(Dr.Sadhna Shrivastava)

Coordinator IQAC

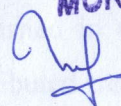
Dr. Sadhna Shrivastava
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(Dr.R.K.S.Sengar)

Principal

PRINCIPAL
GOVT S.L.P. P.G. COLLEGE
MORAR, GWALIOR



Shyamlal Pandviya Government College, Morar, Gwalior

7.2.1 Best Practices, (1) HAREETIMA

Evidence of Success and Problems

7.2.1. (1) HAREETIMA

Evidence of Success and Problems Encountered

- The concept of green campus campaign and environmental friendly practices in the campus resulted in growing a clean and green campus.
- The workshops and seminars on environmental issues created awareness among the students.
- Proper waste management system for all types of waste produced in the campus. Disposal of non-degradable and degradable wastes into separate dustbins facilitated the waste management more effortlessly.
- Use of renewable and sustained energy sources like LED bulb inside the campus.
- Energy Conservation Club has succeeded in fostering an energy conservation culture and attitude among students, staff and masses in nearby areas.
- Neatness programs conducted by NSS and NCC time to time. Maintenance of garden and various play grounds by NSS in charge, and Sport in charge respectively.
- Encourage to students and teachers for save electricity, save papers, save waters, use of dust beans etc.
- Environmental awareness program (single use of plastics awareness) conducted by NSS unit of the college.
- "Vermicompost" uses to prepare inside the college campus and use it as organic fertilizers.
- Availability of different sports ground, large cricket ground, football ground, basketball ground etc.

- Local people use college campus for running, walking, and playground for sports every day.
- College campus has an open gym in the garden that is used by College students and local people.

6. Problems encountered and resources required:

- Sometimes it becomes difficult to convince people including students and staff regarding the existence degradable environment practices and their dreaded consequences.
- The financial resources are always needed to secure success in organizing these programs.
- The program with external agencies should be organized to let people of the area understand the importance of environment cleanliness and up gradation.
- None as such however some technical training in solid waste management and recycling may prove beneficial for conducting this practice.

(Dr.Sadhna Shrivastava)

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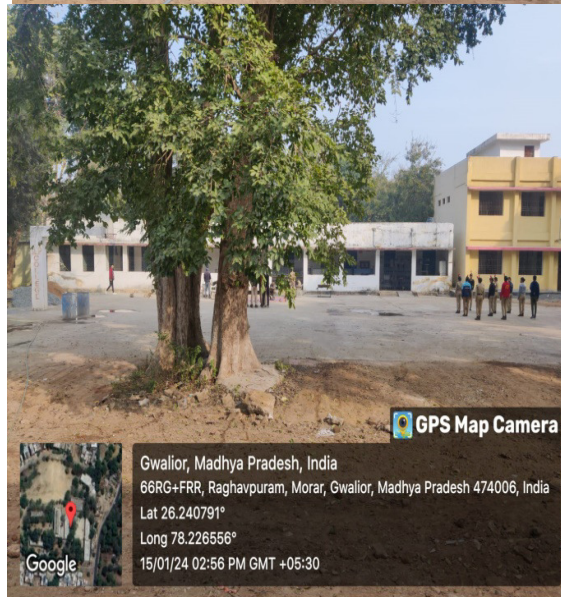
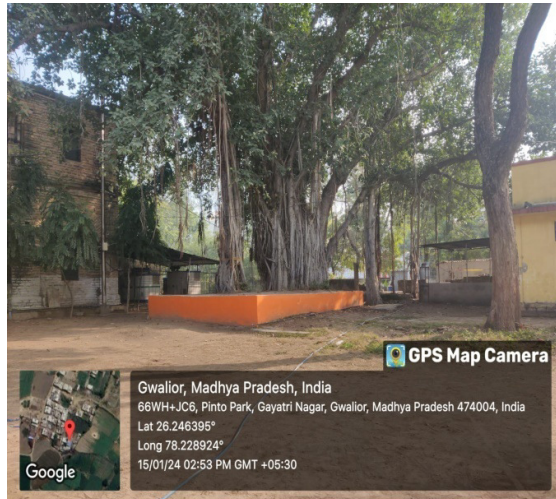
**SHYAMLAL PANDVIYA GOVERNMENT P.G. COLLEGE,
MORAR,GWALIOR**

7.2.1 HAREETIMA

GREEN CAMPUS INITIATIVES

College campus has diverse flora including herbs, shrubs and trees. More than 200 plants were planted in college campus during last five years. It contributes in making the campus a natural, oxygen rich and peaceful place. We also have a botanical garden with good number of plants. Rich plantation across the College campus helps in maintaining a cooler micro-climate during summers. The college has decided to give a QR code for each tree to make their identification easy and creating awareness and underlining the importance of flora in the campus. The process is under active consideration.







Green campus campaigns and environmental friendly practices in the campus resulted in growing a clean and green campus. Local people use college campus for running, walking, and playground for sports every day.





BEYOND CAMPUS PLANTATION BY OUR STUDENTS

Jayesh Singh, a student in his BSc Final Year planted a Jamun plant in mela ground temple on 17 May 2023. Anshu Bhadauria student of B.A. Ist Year planted a fig tree in DeenDayal Nagar in year 2020.



Suraksha students of B.Sc Second Year planted two Amla plants in her colony in year 2022



1.

2. WORLD FOREST DAY 2022

The world Day of Forests is celebrated each year to raise awareness about the importance of forests, woodlands and trees for the survival of humanity and the planet. It makes students aware of the contribution and significance of forests in balancing the life on earth.



DRIED LEAVES ARE COLLECTED AND ADDED FOR VERMICOMPOSTING



AWARENESS AGAINST USE OF PLASTIC

Single use plastic is banned in College campus. We focusin bringing attention towards harmful effects of plastic on human and environment. We discourage the use of plastic products such as bottles, straws, utensils and food packaging materials.



Plastic bottles made by BSc. Students to reuse it as bricks



Plastic collected from campus for recycling

GREEN CAMPUS WITH NEW AND VERY OLD TREES





 GPS Map Camera

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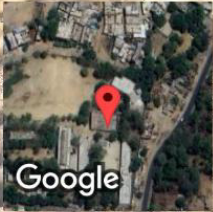
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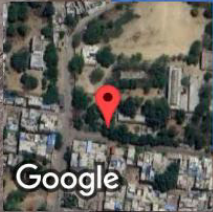
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Decades Old Banyan Tree in Campus

Interestingly we have decades old Banyan tree which has not only greenery value but a religious value also. It has a long circumference around which students discuss and practice and rehearse also.




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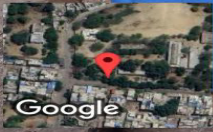
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MANAGEMENT OF WASTE IN COLLEGE CAMPUS

Biodegradable and non-biodegradable waste generated on college campuses is collected in dustbins provided in all departments. Later on, waste is segregated to be disposed of accordingly. All biodegradable waste like dried leaves and animal waste are collected and added to vermicomposting pits for decomposition which is later used as plant manure. Non- biodegradable waste is also collected and segregated as recyclable and non-recyclable.

Recyclable waste like glass and plastic are given for recycling. Hazardous waste like batteries and chemicals are given away to disposal centres. Students are also made aware and encouraged to follow sustainable waste practices. Students are also encouraged to use plastic containers to grow plants and make plastic bottles that can be used in construction or making the boundaries in the park. These practices not only improves the sensitivity of students and society towards the environment but also reduces the harmful effects of plastic pollution in the surroundings.




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VERMICOPMOST





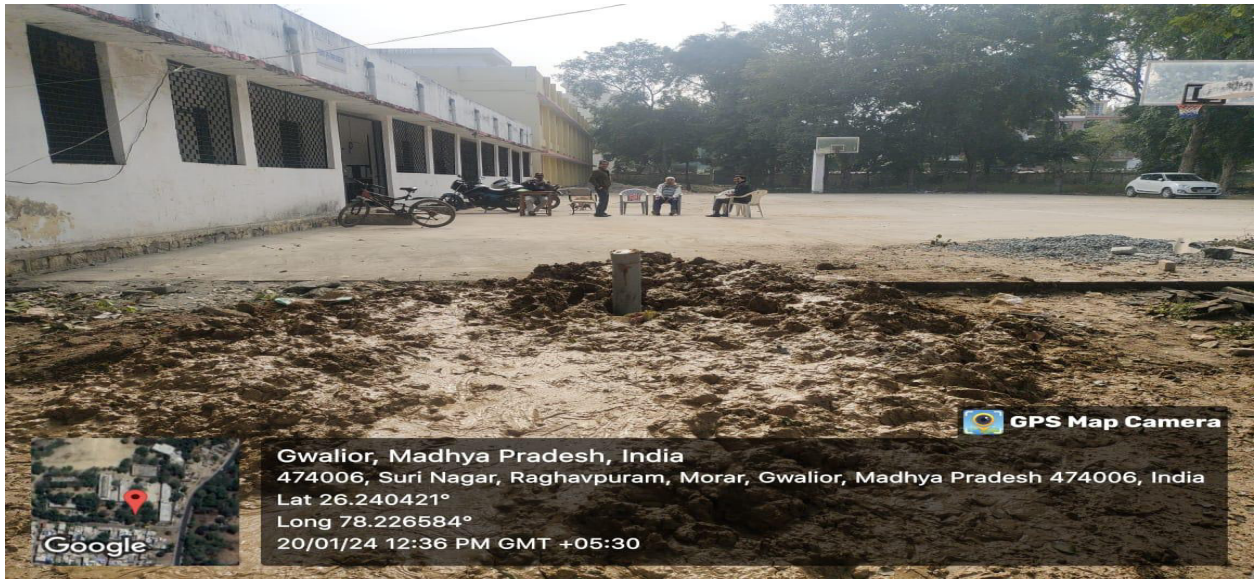

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WATER CONSERVATION RAIN WATER HARVESTING

With the help of Smart City Project , Gwalior our college has got 5 points of Rain Water Harvesting at important points which will be not only increasing water level for college but also for neighboring areas. Apart from this all the points of water are checked periodically to prevent wastage of water.










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