Manoharbhai Shikshan Prasarak Mandal Armori's
MAHATMA GANDHI ARTS, SCIENCE &
LATE NASARUDDINBHAI PANJWANI COMMERCE
COLLEGE ARMORI
Dist. Gadchiroli (Maharashtra) 441 208
Affiliated to Gondwana University, Gadchiroli.
Re-accredited by NAAC 'A' with 3.24 CGPA

ANNUAL QUALITY ASSURANCE REPORT
(AQAR) 2023-24

CRITERION – VII
INSTITUTIONAL VALUES & BEST PRACTICES

METRIC NO: - 7.1.4.

METRIC NAME: - *Water conservation facilities available in the Institution.*

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MANOHARBHAI SHIKSHAN PRASARAK MANDAL ARMORI'S
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Web: mgcollegearmori.ac.in

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Certificate of Verification

The document herewith is a testimonial of the following specifics;

- AQAR 2023-24
- Criterion - **VII (Institutional Values & Best Practices)**
- Metric no. – **7.1.4**
- Metric Particular - Water conservation facilities available in the Institution.

It is affirmed that the attached document pertinent to the above cited specifics are duly verified and approved by the IQAC.

Criterion Head

IQAC Coordinator

IQAC-Co-ordinator

IQAC Chairperson

PRINCIPAL
M.G. Arts, Science &
Late N. P. Commerce College
ARMORI, Dist. Gadchiroli

CRITERION – VII

INSTITUTION VALUES & BEST PRACTICES

METRIC NO.	7.1.4
METRIC NAME	Water conservation facilities available in the Institution.

7.1.4 ***QnM Water conservation facilities available in the Institution:***

1. Rain water harvesting

Rooftop water harvesting: The runoff from the terrace of the college building is channelised into recharge pits, measuring 1m x 1m x 2m. All the rooftop rainwater outlets, discharge into pit then to the recharge structures. In the laboratory Block, a network of pipes linked through chambers take the rainwater to the ground water table. Layer of stones filled inside the pit ensures proper filtration of harvested water.

Surface runoff water harvesting: The runoff from the unpaved area is intercepted at the main gate by a collection trench. From here the runoff eventually drains into an abandoned open well, which facilitates groundwater recharge. Water runoff over Gattu it percolates in ground water table and raise water table.

The groundwater level in the college campus is at moderate level except along the BW3 may be due to discontinuity of facture systems.

1.The groundwater level subsides during the summer as a consequence of higher withdrawal and lower infiltration.

2. The groundwater level deepening during summers requires appropriate usage policy.

3. The weathered Gneiss rock and Ferruginous Quartzite is the chief aquifer.

4. The groundwater is suitable for drinking and domestic purpose after harvesting.

2. Bore well

The three borewells inside the campus cater to the total water requirements of the college.

3. Maintenance of water bodies and distribution system in the campus

Water supply source: The three borewells inside the campus cater to the total water requirements of the college, Supplied to plastic water tank with proper pipe line.

Rain Water Harvesting


Latitude: 20.473873
Longitude: 79.979301
Elevation: 246.48±20 m
Accuracy: 11.0 m
Time: 02-06-2024 09:16
Note: Water tank
Powered by NoteCam


5
LAYER
RAJ
Latitude: 20.474735
Longitude: 79.979445
Elevation: 246.48±23 m
Accuracy: 11.3 m
Time: 02-06-2024 09:21
Note: Water tank
Powered by NoteCam

Rain water flow from campus ground increases water level of Borewell