



ANDHRA LOYOLA COLLEGE

AUTONOMOUS :: VIJAYAWADA - 520 008

Established : 1954

**A CHRISTIAN MINORITY COLLEGE WITH CONSTITUTIONALLY PROVIDED RIGHT OF ADMISSION
(AN ISO 14001 : 2015 INSTITUTION)**

**THE ONLY COLLEGE IN BOTH THE TELUGU STATES TO HAVE BEEN RANKED AMONG
THE TOP 150 COLLEGES BY NIRF SINCE THE INCEPTION OF THE RANKING IN 2017**

**SELECTED UNDER THE STAR COLLEGE SCHEME OF DBT AND FIST PROGRAMME OF DST, GOVT.OF INDIA
SELECTED FOR ENHANCEMENT OF QUALITY AND EXCELLENCE UNDER RUSA BY MHRD, GOVT.OF INDIA**

7.1.4 WATER MANAGEMENT

A College Dedicated to All-Round Development of its Students





Andhra Loyola College (Autonomous)

VIJAYAWADA-520 008.

Web: www.andhraloyolacollege.ac.in e-mail: contactalc@gmail.com

STD : 0866
Main Off. : 2476082
Inter : 2476965
Degree : 2481907
P.G. : 2474902
CoE : 2473251
Fax (Principal) : 2474531
Fax (Correspondent) : 2486084

11. WATER MANAGEMENT POLICY

11.1. Commitment to Conservation and Efficiency:

We are committed to implementing a comprehensive water conservation strategy. This will include the installation of water-efficient fixtures throughout campus buildings. We will also prioritize leak detection and repair programs to minimize water waste. Educational campaigns will be developed and implemented to raise awareness about water conservation practices among all students, faculty, and staff.

11.2. Rainwater Harvesting and Sustainability:

The college will actively explore the feasibility of installing rainwater harvesting systems. Captured rainwater can be utilized for non-potable purposes such as irrigation, cleaning, and potentially flushing toilets. This approach will not only reduce our reliance on municipal water supplies but also contribute to the recharge of groundwater reserves, promoting long-term sustainability.

11.3. Responsible Landscape Management:

Landscape practices will be adapted to promote water conservation principles. We will prioritize the selection of drought-resistant plants and native species requiring minimal irrigation. Watering schedules will be optimized based on weather conditions to ensure efficient use of water. Additionally, techniques like mulching around plants will be employed to retain soil moisture, further reducing water consumption in our landscaping efforts.

11.4. Promoting Responsible Water Use Behavior:

Clear and informative signage will be displayed in restrooms, kitchens, and other water usage areas to remind students, faculty, and staff of best practices for water conservation. Strategies such as turning off faucets while brushing teeth or washing hands will be actively encouraged.


Principal
PRINCIPAL
ANDHRA LOYOLA COLLEGE
VIJAYAWADA-B.



Andhra Loyola College (Autonomous)

VIJAYAWADA-520 008.

Accredited in III Cycle at A+ Grade with a CGPA of 3.66 / 4.00

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Water Conservation:

- Rainwater harvesting Rainwater pits, watering the plants through drip irrigation, leakage free pipelines and faucets, e-toilets etc. ensure controlled usage of water.
- The college has taken a sustainable initiative by installing Rooftop-Rain Water Harvesting Structure. Drainage lines that are connected to underground tanks spread in the campus. This practice is playing a key role in the recharging of the ground water table.
- The rain water is collected from the roof top buildings and in open areas with a high run off coefficient. The collected rain water is directed in the percolation pits located at feasible points inside the campus to recharge the ground water.
- The rain water harvesting sumps has a provision of collecting almost 80% of the rainfall.
- Successful impact towards sufficient ground water recharge is evident from the growth of huge ancient trees growing superfluously in the campus.
- Bore wells are constructed inside the college premises for easy recharge. The bore wells are periodically monitored and kept in good condition by the plumbers with necessary actions to rectify the problems.
- Overhead water tanks are constructed in the hostel blocks for the purpose of retaining water supply which is a part of the water distribution system. The water stored in the tanks is used for daily requirements in the campus such as gardening, rest rooms, and cleaning purposes. The overhead tanks are supervised regularly and immediate necessary actions are executed for its functional maintenance.
- There are adequate facilities available in the campus for the maintenance of water bodies and subsequent water distribution system to fulfill the various needs of the users. Well-

laid pipe network is arranged to distribute the stored water from ground point to various tanks within the campus.

- RO plants which form the drinking water distribution system are installed in all the floors main building and hostels. The purified water from the RO plants are used for drinking purpose.


PRINCIPAL
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