



CRITERION-7
AQAR
2020-2021

Executive Summary



**NEW HORIZON
COLLEGE - MARATHALLI**



Affiliated to Bangalore North University, Approved by Government of Karnataka

Accredited by NAAC with 'A' Grade, Recognized under section 2(f) of the UGC Act, 1956

The Trust is a Recipient of Prestigious Rajyotsava State Award 2012 Conferred by Government of Karnataka

Executive Summary

Conducting Quality Audit covering areas such as water audit, energy audit, waste management audit, green campus management audit and environment audit (carbon foot print perspective only), in college helps to increase the awareness levels of stakeholders, staffs and students, to understand its advantages towards impact on sustainable future.

The New Horizon College Campus is very well maintained, clean and neat which emphasis the resource allocation (man power, finance and support) by management and importance given for clean and hygiene environment for students, staffs and stakeholders.

Considering the fact that the institution is Degree College, there is significant environmental research both by faculty and students. The environmental awareness initiatives are substantial. The installation of solar PV systems, solar hot water systems, STP treated water for gardening purposes, and rain water harvesting system is noteworthy.

Besides, environmental awareness programmes initiated by the management and administration shows how the campus is going green.

As part of Quality Audit of campus, we carried out campus monitoring, including Illumination and Ventilation of the class room. It was observed that Illumination and Ventilation is adequate considering natural light and fresh air circulation.

From the Quality Audit study, it was observed the college had taken various initiatives and implemented best practices in conserving natural resources that include:

1) Best Practices Implemented for Water Conservation

- Water consumption monitoring
- Dual water piping systems for wash rooms
- Low flow taps
- Rain water harvesting
- Water less urinals
- Regular testing of water quality

- Sewage treatment plant
- Maintenance team
- Posters for creating awareness

2) Best Practices Implemented for Energy Conservation

- Day light integration in class rooms, staff rooms, hostels and common areas
- Use of LED lights
- Solar Roof Top Photo Voltaic (SRTPV) system for power generation
- Use of energy efficient air conditioning systems such as VRV and inverter AC units
- Use of Solar water heaters for hot water generation
- Complaints and maintenance monitoring registers
- Use of LED/ LCD monitors
- Use of sign boards and posters for awareness creation

3) Best Practices Implemented for Waste Management

- Zero waste campus campaign
- Color code bins for waste collection
- Organic Waste Composting Machine
- Leaf composter
- Sewage Treatment Plant
- Posters on plastic ban

4) Best Practices Implemented for Green Campus Management

- Campaign on Plastic free campus
- Green landscaping
- Paperless office
- Gardening is maintained by separate team

5) Best Practices Implemented for Carbon Footprint Analysis

- Campaign on environment conservation
- Color Code Bins for waste segregation
- Posters on environment conservation
- Promoting use of electric vehicles

