

GREEN AUDIT REPORT

The college is primly located in Dharwad city of district head quarter. Dharwad is referred as ALMA MATER city of many academicians, north Karnataka cultural city and city of number of universities. This includes Karnataka University, University Agriculture Science, University of Law, And Indian Institute of Technology. Thus it has become an EDUCATIONAL HUB.

Geographical and Environmental issues

The details of Geographical, Environmental and Weather issues of Dharwad are as follows.

- * Altitude from sea level is 750Mtrs. (2460 ft)
 - * Latitude is 15.45405 N.
 - * Longitude is 75.00665 E.
 - * Weather Chart of Dharwad referred in Koppen Gieger Weather Chart. – Tw zone
 - * Average Temperature – 24.18 Centigrade.
 - * Average rainfall is 800 mm.
 - * Average Humidity is 40% to 50% as per AIR VEDA techniques
 - * Dharwad is a semi industrial area.
 - * PM-2.5 - 30 to 40 $\mu\text{g}/\text{m}^3$ (60 $\mu\text{g}/\text{m}^3$ as per MoEF standards.)
 - * PM 10 – Around 50 - 60 $\mu\text{g}/\text{m}^3$ (100 $\mu\text{g}/\text{m}^3$ as per MoEF standards .
 - *NOx level 2.5 $\mu\text{g}/\text{m}^3$ (80 $\mu\text{g}/\text{m}^3$ as per MoEF standards.)
 - *SOx level 4.5 $\mu\text{g}/\text{m}^3$ (50 $\mu\text{g}/\text{m}^3$ as per MoEF standards.)
 - * The pollution levels within the MoEF standard
 - * dB level is around 40 to 48 (better range as per the BIS audible standards).
 - * The illumination level areas per BIS mark 3646 part I.
- All Environmental related charts and their importance are enclosed.

Observation

1. College is located in the heart of the city, any service accessible at arm's length
2. Appreciate well illuminated Departments.
3. RO-UV drinking water system in prime locations.
4. Phase wise replacement of choke-less fluorescent tube lights by LED lighting lamps.
5. Replacement of step resistance - control regulator and providing Diac and Triac control regulator as energy savers.

Best Practices


1. Separate collection waste dry, wet and plastic is being practiced and proper channelizing them through municipal /corporation regulations.
2. Testing of bore well water.
3. Optimum utilization of Gym facilities with separate schedule timing for students.
4. Water conservation and proper harvestingis being practiced
5. Energy sensitization practice are followed


Suggestions/Recommendations


1. Top priority for nomenclature of the existing plant
2. Augmenting rare, medicinal and sacred plants.
3. Noise arresters in library section to be installed
4. Fire extinguisher in library/office is must with expertise personnel
5. Providing false ceiling with (PoP finish) with LED bulbs in departments as per the illumination norms.
6. Augmentation of Illumination levels in some class, as per the illumination standards.
7. Display of urine color indicator charts (urino-hrome) shall be followed
8. Priority shall be given to anti chamber in ladies room
9. Display of contact No one lady staff counselor in ladies room 24x7 service
10. Green manicured lawn strips by the side of main building may be extended
(This captures the entry of thermal radiation from outside./allows breeze air in class room.)

Observation made to the interest of congenial atmosphere college. Best practices of this college are really exemplary to other academic aspirants. However some suggestion /recommendation were made for improvement within SWOT CYCLE

The management and staff are putting sincere efforts and bringing congenial atmosphere for the UG and PG studies. Hope for the better academic future.


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