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ENVIRONMENT AUDIT REPORT

This is to certify that, *our audit team* has visited KRJ Arts & SMS Commerce College, DHARWAD on 11th June 2022 and under took the environment audit work of college campus.

The college is located in HUBLI-DHARWAD city Corporation limits. Dharwad is a semi organized Industrial city. It seems to be free from industrial harmful gas effluents.

AIRVEDA Camera Techniques Beta Attenuation Method (BAM) has been employed to check the air quality parameters in terms of Air Quality Index (AQI) and audible intensity measured by standard sensors of sound, in decibel Bell (dB).

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

- Altitude from sea level is 750mt. (2460 ft)
- Latitude is 15.460252 N.
- Longitude is 75.010284 E.
- Weather Chart of Dharwad (*Koppen Gieger Weather Chart.*) : Aw-BSH sandwich zone
- Average Temperature : 25.50 Celsius.
- Average rainfall : 310 mm.
- Average Humidity : 40% to 50% as per AIR VEDA techniques
- Dharwad : semi industrial area.
- RPM: 5.07 to 15 μgm^{-3} (605 μgm^{-3} as per MoEF standards.)
- SPM: 8.09 to 50 μgm^{-3} (100 μgm^{-3} as per MoEF standards.)
- NOx level : 1.15 to 5.00 μgm^{-3} (80 μgm^{-3} as per MoEF standards.)
- SOx level : 1 to 2.5 μgm^{-3} (50 μgm^{-3} as per MoEF standards.)
- Ozone (O₃) Level : 22 to 34 μgm^{-3} (100 μgm^{-3} as per MoEF standards.)
- Carbon monoxide (CO) level: 10. To 15 μgm^{-3} (25 μgm^{-3} as per MoEF standards.)
- The pollution levels are within the safe range (as MoEF standard)
- Visibility clear up to 6 to 8 Km
- AQI level : 38 (safe as MoEF per standards)
- Water quality is tested
- dB level is around 40 to 55 better range (as per the BIS audible standards).
- The illumination level are all better (as per BIS mark 3646 part I.)
- Measure EM radiation on the inspection day <42 μT (safe) (as per the BIS standards).
- Max Hottest day 02nd May 2022 12.26 PM
- Max Humid day 12th Aug 2022, 12.35 PM
- Distance from Equator 17035.6 km
- Distance from tropic Cancer 897.84 km

All Environmental related charts and their importance are submitted to the college.

Technical staff

Place : Dharwad

Date : 11th June 2022



Convener

Environment Audit Team



Principal

Principal

S.H.A.S. Samiti's

Smt. K. S. Jigalur Arts and

Dr. (Smt) M. Shreegiri Commerce

College for Women, Dharwad