



# COORG INSTITUTE OF DENTAL SCIENCES

Kanjithanda Kushalappa Campus, Maggula  
Virajpet - 571 218, Coorg District, Karnataka  
Recognised by Dental Council of India, New Delhi  
Affiliated to Rajiv Gandhi University of Health Sciences, Bangalore.

## INSTITUTIONAL DISTINCTIVENESS

This Institution is distinct in its environmental consciousness, the entire campus is in the ecologically sensitive zone of the western ghats and managing a health education institution in these ecologically sensitive zones has been a challenge which the institution has face since its inception. The Institution has been constructed using locally available construction materials and efforts have been made to ensure that the slope of the hill on which the campus is situated is not cut to accommodate the buildings thus we are the only dental college on a hill.

The first challenge faced was in providing water facilities to the residents of the institution, the institution purchased wetlands in the valley below and instituted three tanks which have focused both on rain water retaining and wetland water rejuvenation techniques and these have been supplying the institutional water supply, thus we haven't burdened the municipal water supply sources and are self-sufficient. The Drinking water is generated from this by a reverse osmosis and filtration process and the non-drinking water goes through the RO process only.

The institution has also invested in solar energy by establishing a 150-kw solar plant which is wheeled to the grid; thus, the institution gives back to the grid energy generated from conventional energy sources. The solar power generated has also been financially beneficial to us reducing our electricity consumption costs by almost 50%. The Solar panels now also provide shaded areas for out parking lots. The solar water heaters provided to the hostels also go a long way in reducing the carbon footprint of the institution.

  
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The institution participates in local ecological initiatives and has been part of the initiative to stabilize the hill slopes of the district which were collapsing during the flash floods by plantation of vetiver, a local herb, known to stabilize hillsides.

Disposal of liquid wastes in a rural area brings its own challenges especially in a large institution such as ours, hence the institution set up a 88KLD sewage treatment plant in the campus providing for the facilities of sewage treatment at source. The water derived from this plant is fully utilized for maintaining the gardens in our green campus. The Landscaped gardens and green areas also provide a unique environment.

Incinerators for disposal of noncritical solid wastes and MOU based biomedical waste management ensures that the institution doesn't interfere with the ecologically sensitive areas. The Institution has also banned the use of single use plastics on campus with the aim of reducing the plastic usage by its students and faculty and thereby the community at large.

These are all a part of the institutions initiatives to achieve a carbon neutral campus in the long run

  
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