



वर्षा वन अनुसंधान संस्थान
RAIN FOREST RESEARCH INSTITUTE

भारतीय वानिकी अनुसंधान एवं शिक्षा परिषद्

Indian Council of Forestry Research & Education

(पर्यावरण एवं वन मंत्रालय, भारत सरकार के अधीनस्थ एक स्वायत्त परिषद्)

(An Autonomous body under Ministry of Environment & Forest, Govt. of India)

No. RFRI/FECC/ENV-AUD/2021

दिनांक/Date: 10/08/2022

**'Green and Environment Audit Report 2021-22'
of DHSK Commerce College, Dibrugarh**

The 'Green and Environment Audit Report 2021-22' prepared by the Green and Environment Audit Team, DHSK Commerce College, Dibrugarh was submitted to RFRI on 16 June 2022 for comments and suggestions. Accordingly, suggestions were given based on existing literatures and experience which was duly incorporated in the Green and Environment Audit Report 2022. In the next phase, on 04/08/2022, a team of RFRI visited the college for inspection of the works on ground. The team of three members including Dr. Dhruva Jyoti Das, Scientist E, Dr. Girish Gogoi, STO and Abhijit Medhi, TA visited the DHSK Commerce College and conducted a survey and inspection of the various management works mentioned in the 'Green and Environment audit report 2021-22'.

The Team met Dr. Khanindra Mishra Bhagawati, Principal of the college and other faculty members and discussed about the various works related to environment, importance of conservation and awareness among students, teachers and common people. The RFRI team was accompanied by Principal and team of faculty members including Mr. Pankaj Sahu, Assistant Professor, Dr. Bhupesh Bhagawati, Assistant Professor, Dr. Tulika Mattack, Assistant Professor and other faculties of DHSK Commerce college, Dibrugarh including Dr. Tanka Prasad Upadhaya, IQAC Coordinator, Dr. Nabajyoti Dutta, Assistant Professor, Dr. Ajit Goswami, Assistant Professor and Mrs. Bani Kachari, Assistant Professor. The RFRI team visited the various Water qualities, Air quality, Noise Pollution, Soil pollution, Human Health & Safety and Waste management systems operative in the college. The RFRI team visited the Vermicomposting project, Solar panels, Rain water harvesting units and other facilities installed in the campus.

Various plants (trees, shrubs and herbs) were planted in the campus from time to time for keeping the air in the campus pollution free and of good quality. Some of the important species found in the campus include *Mimusops elengi*, *Delonix regia*, *Mesua ferrea*, *Azadirachta indica*, *Mangifera indica*, *Nyctanthes arbortristis*, *Polyalthia longifolia*, *Terminalia arjuna*, *Terminalia chebula*, *Psidium guajava*, *Elaeocarpus floribundus*, *Phyllanthus emblica*, *Pinanga gracilis*, *Pinus Kesiya*, *Santalum album*, *Pterocarpus santalinus*, *Artabotrys siamensis*, *Ziziphus mauritiana*, *Murraya koenigii*, *Alstonia scholaris*, *Caesalipinia pulcherrima*, *Areca catechu*, *Juniperus Sabina*, *Ocimum sanctum*, *Terminalia arjuna*,

Syzygium cumini, *Nyctanthes arbor-tristis*, *Morinda citrifolia*, *Tinospora cordifolia*, *Chamaecostus cuspidatus*, *Aloe barbadensis*, *Dracaena trifasciata*, *Calliandra eriophylla*, *Polyscias fruticosa*, *Chlorophytum comosum* etc.

Various display boards located at important places were also checked. Dry and Wet dustbins in different locations of the college were also visited. In order to save and conserve energy college also use solar energy and LED bulbs have been found used in most of the classrooms, Principal's office, Teachers' common rooms, Administrative Office, Girls' Hostel, Computer Lab., and Departmental Rooms in the College. The other initiatives as mentioned in the Green Audit report were visited as well.

Some of the photographs of the visit and inspection are given below:



A view of the campus



Water filter and drinking water tank with taps



Rain Water Harvesting



Vermicomposting Project



Sanitary napkin incinerators



Maintenance of two types of dustbins



Dustbins made of bamboo used by the College



Discussion with the faculties



Solar Panel on the roof top



Green Campus Initiative (Natural Car Shed)



Photos of Plantation programmes of the College



A group photo with the Principal and faculty members



New saplings of Bokul and Rain tree



Natural Regeneration of Arjun tree



Green Campus Initiative- Indoor Plants




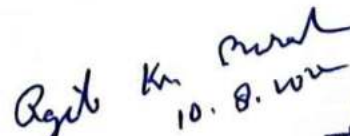
Chair made from used Car Tyre

The overall works as mentioned in the Green and Environment Audit Report 2021-22 were found satisfactory. The following recommendations are given to the Green and Environment Audit Team and college authority to be followed for further improvement in this regard.

Recommendations:

- (1) Name plate of trees in the campus having local and scientific name may be prepared and attached to each tree for the purpose of general awareness to the students.
- (2) The college is having three campuses with combined area of 1.82 ha. There are some areas where plantation of ecologically and economically important tree species with aesthetic value should be done.
- (3) Presently the college is having biomass carbon stock of 9.97 Mg from trees alone. Plantation of more trees in the boundary areas of Girls' hostel and Banipur campus will definitely increase the amount of carbon stock and overall carbon sequestration potential of the college campus.
- (4) Number of solar panel may be increased.
- (5) It is recommended that carbon foot print of the campus may be estimated and reported for green audit in next audit.
- (6) The college is having a vermi-compost unit which is presently non-functional. The existing vermi-compost unit should be made functional at the earliest and Compost organic fertilizer can be prepared from the wet garbage.
- (7) More awareness programmes on environment may be organised for students and general public from time to time.


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