

# DHSK COMMERCE COLLEGE



## Institutional Values and Best Practices

### Indicator- 7.1.2

| Metric No.                                                                                            | Sl. No. | Geotagged Photographs                                              |
|-------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------|
| 7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures | 1       | Alternate sources of energy and energy conservation measures       |
|                                                                                                       | 2       | Management of Various types of degradable and Non Degradable waste |
|                                                                                                       | 3       | Water Conservation Initiatives                                     |
|                                                                                                       | 4       | Green Campus initiatives                                           |
|                                                                                                       | 5       | Disable friendly, barrier free environment                         |

Authenticated  
Inzhaganaiti  
Principal  
D.H.S.K. Commerce College,  
Dibrugarh

**Introduction:**

In an era where the world faces pressing challenges related to environmental sustainability and inclusivity, our college has embarked on a journey towards a brighter and greener future. This commitment is reflected in the various initiatives we have undertaken to address key objectives, such as alternate sources of energy, energy conservation measures, and management of various types of degradable and non-degradable waste, water conservation, green campus initiatives, and the creation of a disable-friendly, barrier-free environment.

The college believes that education extends beyond the classroom. By championing these initiatives, we are not only preparing our students for a future defined by environmental stewardship and inclusivity but also setting an example for the wider community. Together, we are building a brighter, more sustainable, and inclusive future for all.

**Some of the measures taken are highlighted below:****1. Alternate sources of energy and energy conservation measures****1. SOLAR ENERGY**

In addition to being an extremely promising form of energy, solar energy is produced by the sun's light is Renewable, Inexhaustible, Non- polluting, that helps in prevention of global warming, and contributes to sustainable development. To reap the benefits of solar energy, the College has installed solar lights at the main entrance, and other places inside the campus. Moreover, solar powered lights have been installed in the hostel as well.

## 2. SOLAR POWERED LIGHTS AT THE ENTRANCE



### 3. SOLAR POWERED LIGHTS INSIDE THE CAMPUS (DAY VIEW)



#### **4. SOLAR POWERED LIGHTS INSIDE THE CAMPUS (NIGHT VIEW)**



#### **5. INSTALLATION OF SOLAR PANEL FOR THE LIBRARY BUILDING**





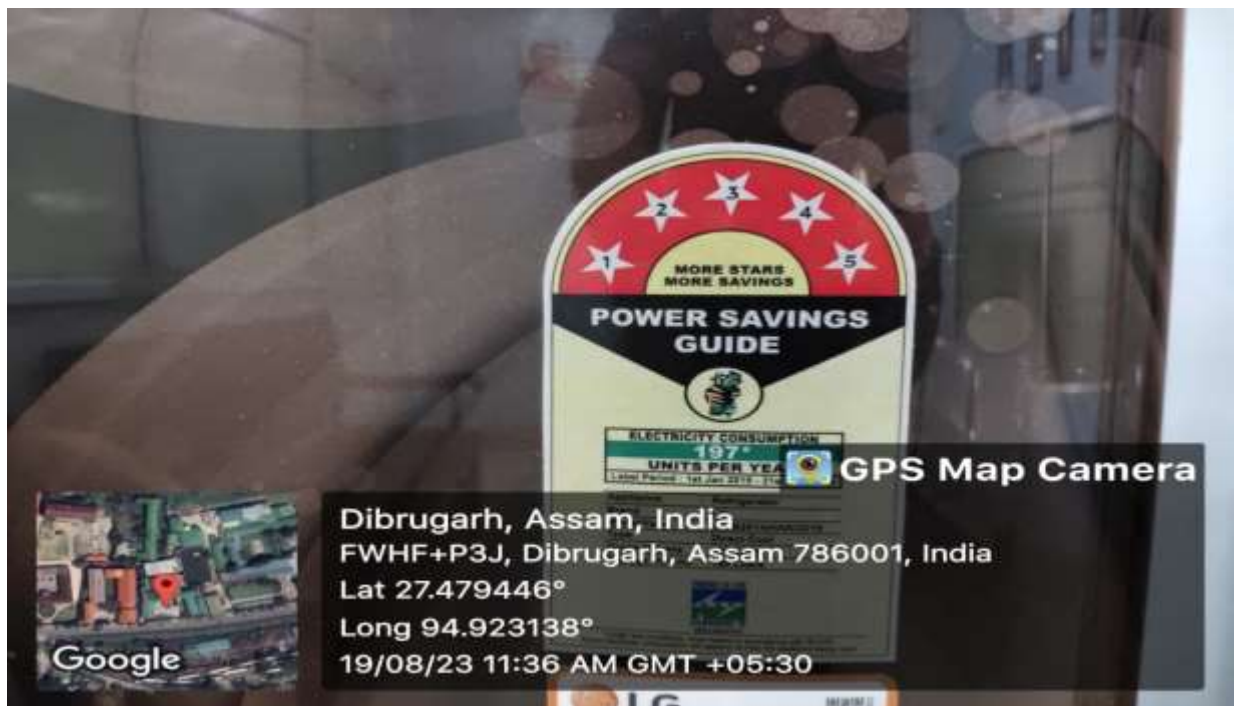
## 6. USE OF LED BULBS





## 7. USE OF ENERGY EFFICIENT EQUIPMENTS





## 8. DISPLAY INSTRUCTION TO STUDENTS TO TURN OFF ELECTRICAL APPLIANCE WHEN NOT IN USE



## 2. Management of Various types of degradable and Non Degradable waste

To achieve a healthy and conducive environment, we have installed waste bins throughout the campus in different locations. The waste generated is thus collected by the municipality waste collectors on regular basis. The college campus is kept neat and clean and littering in the college campus cannot be witnessed. Dustbins are provided in the classrooms, corridors and are used accordingly by the members of the college. The college has separate waste disposal system for organic waste and inorganic waste. Organic waste such as food items, paper, leaves from trees, grasses are collected separately and later on mostly used as natural manure for plants in the college campus. Inorganic waste such as plastic/polythene are disposed off outside the college campus and the town municipality services are relied on for this purpose. Further the college is working on vermicomposting plant out of the solid waste from canteen and hostel.

**a. Waste management in collaboration with Dibrugarh Municipality Board**



**b. Waste Bins at Different Locations of the college campus**



c. Waste bins in different locations of DHSK Commerce College





#### d. Incineration for Sanitary Pad Waste



**e. Vermi-compost Plant for vegetable waste of Hostels**





## **2. Liquid Waste Management**

### **a. Liquid waste channelized (Water Harvesting)**







### 3. Non degradable waste management







 **GPS Map Camera**

**Dibrugarh, Assam, India**

**FWHF+P3J, Dibrugarh, Assam 786001, India**

**Lat 27.479411°**

**Long 94.923044°**

**19/08/23 05:07 PM GMT +05:30**





## 4. E-Waste Management

### Workshop on e-waste management





 GPS Map Camera



Dibrugarh, Assam, India

FWGF+V3X, Dibrugarh, Assam 786001, India

Lat 27.479214°

Long 94.923481°

08/04/23 12:11 PM GMT +05:30



### **3. Water Conservation Initiatives**

The college does not depend upon the Municipality for Water supply. It uses ground water for all its water needs. Hence, efficient usage of available water and adaptation of water conservation measures are essential. The college is planning to conserve rainwater by taking appropriate measures.

**Maintenance of water distribution systems in the campus:**

The ground water is pumped into storage tanks located at the campus. The water is distributed through well laid pipe network



## Ground water Recharge





**Ground level water recharge through Cockpit**



**Water flow underground connection to the pond beside. (Ground water Recharge)**





**Water management for maintain water level**

## Rain Water Harvesting Unit (College)



## Rain Water Harvesting Unit (Hostel)



## 5. Green Campus initiatives

Keeping the campus Green helps to create a sustainable and environmentally friendly place to impart education and encourage eco-friendly behaviours on campus. The green campus idea allows an institution to lead the way in reinventing its environmental culture and generating new paradigms by finding long-term solutions to humanity's environmental, social, and economic requirements. Greening the campus is all about sweeping away wasteful inefficiencies and using conventional sources of energies for its daily power needs, correct disposal handling, purchase of environment friendly supplies and effective recycling program. To achieve the objective the college had taken initiatives by increasing the use of led, solar, plastic free zone cycling club, gardening recycling reusing.

**Use of Bicycles/ Battery powered vehicles:** Many of our students use bicycles to reach college and also sstudents are discouraged to bring motor bikes to the college. The teachers and staff of the college also mostly rely on public transport and some even come by foot as many have their residences are located to close to the college.

**Pedestrian Friendly pathways:** All the connecting roads to the college are pedestrian friendly. Many faculty and staff come to college by foot as many have their residences very close to the college.

**Ban on use of Plastic:** The entire College campus has been declared “plastic free zone” and use of all types of single use plastic products have been totally banned.

**Landscaping with trees and plants:** Although the College is located in an urban area and the land area of the college campus not being very large, there has been beautifully landscaping within the campus. Various types of medicinal trees, plants, sandal woods etc have been planted on whatever minimal space is available for landscaping.

## Landscaping with trees













Landscaping with trees





Red sandal wood tree





## Dibrugarh, Assam, India

FWHF+P3J DHSK Commerce College,

Dibrugarh, Assam 786001, India

Lat 27.479469°

Long 94.92313°

23/03/22 01:51 PM

GPS Map Camera

## Indoor plants at different locations:



 **GPS Map Camera**

**Dibrugarh, Assam, India**

**FWHF+P3J, Dibrugarh, Assam 786001, India**

**Lat 27.479394°**

**Long 94.923166°**

**19/08/23 11:17 AM GMT +05:30**



 **GPS Map Camera**

Dibrugarh, Assam, India  
FWHF+P3J, Dibrugarh, Assam 786001, India  
Lat 27.479222°  
Long 94.92313°  
19/08/23 11:17 AM GMT +05:30













## **Promotion of use of Cycle**

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**IQAC Coordinator Dr. TP Upadhyaya participating in 400KM  
BRM event at Guwahati**



Principal Dr. KM Bhagawati, faculties & students participating in a cycle rally on the occasion of Republic Day



# Conducting Green Audit



## वर्षा वन अनुसंधान संस्थान

राष्ट्रीय वनविज्ञान अनुसंधान एवं शिक्षा परिषद्  
(पर्यावरण, वन एवं जलवायु परिवर्तन - मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान)  
पोस्ट बॉक्स नं. 136, जोरहाट - 785001, असम



## RAIN FOREST RESEARCH INSTITUTE

*Indian Council of Forestry Research & Education*

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

Post Box No. 136, Jorhat - 785001, Assam

No. RFRI/FECC/ENV-AUD/2021/ 218

दिनांक/Date: 22/08/2022

सेना में/To,

The Principal,  
DHSK Commerce College,  
Dibrugarh,  
Assam, India

विषय/ Sub: 'Green and Environment Audit Report 2021-22' of DHSK Commerce College,  
Dibrugarh - reg.

महोदय/Sir,

Please find the Inspection report on 'Green and Environment Audit Report 2021-22'  
of DHSK Commerce College, Dibrugarh prepared by RFRI, Jorhat attached herewith.

भवदीय/Your's faithfully,

*Rajib K. Borah*  
23.8.2022  
(Dr. R. K. Borah)  
Director



# Conducting Energy Audit

ENERGY AUDIT REPORT YEAR: 2022-2023

DHSK COMMERCE COLLEGE

DIBRUGARH, ASSAM



Prepared By

Internal Quality Assurance Cell

DHSK Commerce College

Dibrugarh(Assam)

Audited By

M/s D.G. Electrical

Licence No:-3827

  
M/s D. G. Electricals  
Hukuta, Dujrajan  
Regd. No. : 3827

## **5. Disable friendly, barrier free environment**

### **Built environment with ramps/lifts for easy access to classrooms.**

The college is very much concerned about the barrier-free environment and therefore adopted various measures in the college campus. Ramp-Rails, an inclined plane, are built in different locations. Further the college has constructed a separate rest room with attach basic amenities for our specially abled faculty along with a designated classroom (Room no 6) to make the teaching more convenient and easy without much need of movement.

### **Designated Classroom attached with faculty room:**



## Ramp Facility:







**Classroom with Sliding door facility**



## Wheel chair Options Available:



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