

B. P. H. E. Society's
INSTITUTE OF MANAGEMENT STUDIES
(CAREER DEVELOPMENT & RESEARCH)
IMS CAMPUS, STATION ROAD, AHMEDNAGAR - 414 001 (M.S.)

NAAC Re-accredited Grade A+ Institute
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GREEN AUDIT REPORT

2020 - 2021



SUMMARY

As a responsible Institute, IMS is totally committed and convinced of the need for a green campus. Over a period of time, IMS has taken various steps to promote 'Green Campus' and reduce the adverse impact on environment.

This 'Green Audit' has the purpose of examining the practices followed by the institute on a continuing basis and whether they are in accordance with the objectives of a Green Campus. It covers various areas which impact environment including paperless work, tree plantation, water conservation, waste management, use of alternative energy and mapping of the green coverage and bio diversity. IMS believes that 'Green Audit' is not a one time activity but a continuing process.

OBJECTIVES OF GREEN AUDIT

Environment protection has become a matter of survival for all of us. It is one of the most important factors which affects us. Our world has reached a point of crisis because of the misuse of resources, water scarcity pollution and lack of proper waste management. In such an adverse situation, it is the duty of all of us to ensure that the environment is protected and to see that there is sustainable use of the same.

COVERAGE OF THE STUDY / AUDIT

The areas covered under this report include :-

- Paperless office and library management
- Green area management
- Water preservation and its management
- Alternate Energy Sources
- Environmental Monitoring of the Institute

OBSERVATIONS AND RECOMMENDATIONS

PAPERLESS OFFICE AND LIBRARY MANAGEMENT

It is observed that the Institute has adopted ICT in several tasks like online admissions, uploading documents, staff salary payments etc. Circular and notices are send through sms, e-mail and also displayed on common TV for the benefit of faculty and students. This includes exam time-table, circulars and notices for staff and circulars and notices for students. 'What's up' group for the faculty and students and use of 'Telegram' app has been put to use. Staff salary is directly credited to the bank account of the concerned staff. The use of bank cheques has been minimized. Also thumb biometric has been installed for staff attendance.

The learning Resource Centre (Library) of the institute has substantial facilities which are paperless. This includes :-

CD Library

On-Line resources by – Computing

NPTEL Streaming Library

Digitalized formats of Ph.D. thesis

Recommendations

Currently, the institute has installed a T.V. in the common area approachable to all. It is recommended that such TVs be installed on all three floors for more visual display. It is also recommended that face biometric be installed in addition to thumb biometric.

WATER MANAGEMENT

The Institute has adopted rain water harvesting system. Rainfall on the main building with terrace is linked to the water harvesting system. This is then accumulated and deposited in the water well for reuse and ground water recharging. Institute has also made efforts to ensure that the rainfall on the open ground does not flow out and is used for water harvesting.

Recommendations

Use of more trenches is recommended to ensure better rain harvesting. Also the SEEDC building and hostel terrace rain water needs to be harvested and connected to the system.

WASTE MANAGEMENT

This includes solid waste, liquid waste and e-waste management Observations

- a) **Solid Waste Management** : The Institute has kept dustbins at different places in the campus and classrooms to ensure that the solid waste is disposed of. It has a provision separately for dry waste and wet waste. These are then cleaned daily and put in the garbage container of the Municipal Corporation.
- b) **Liquid Waste Management** : The Institute has no chemical / liquid waste. Only the liquid waste generated in the toilets is there, which goes through the drainage system directly.
- c) **E-waste Management** : E-waste generated by Institute like used CPU, Printers, Monitors, Keyboard spares are resold as scrap periodically. The Institute has purchased LED Monitors and is replacing the CRT monitors in phases.

Recommendations :

Students especially those newly enrolled should be properly briefed on the importance of the use of dustbins. Also "No Spitting" Boards need to be put at certain places. E-waste should be disposed off more frequently. LED monitors should be installed completely.

GREEN AREA MANAGEMENT

Observations

- a) The Institute procures and uses cloth bags for different purposes instead of plastic. These cloth bags are made use of by the faculty whenever required
- b) The institute has gone for tree plantation in different open spaces of the campus and approximately more than 100 saplings have been planted.
- c) The Institute has also done a Tree Census which found that 24 different varieties of trees are there, totaling to 56 trees.
- d) Institute has also mapped the level of campus Vegetation.

Recommendations :

- Ensure better protection and cultivation of trees already planted.
- Distribution of cloth bags to students also, so as to cultivate the habit of cloth bags instead of plastic.
- Display 'No Plastic Here' boards at different places in the campus.

ALTERNATIVE ENERGY SOURCES

Observations

- a) It is observed that the Institute has installed LED bulbs which use 30% of the total power requirement as compared to local bulbs.
- b) Institute has also installed Solar Panels on the main building as well as at the girls and boys hostels.
- c) Recently Institute organized a Solar Lamp Assembly workshop under the Gandhi Global Solar Yatra (GGSY) in association with IIT, Mumbai. About 50 students took part in this project.

Recommendations :

- LED lights should replace some of the tube lights which are pending.
- Proper monitoring of the benefit of installing solar panels should be done on a continuous basis.

ENVIRONMENTAL MONITORING OF CAMPUS

Observations

- a) The noise level in the campus is within limits.
- b) Illumination by natural lights and ventilation is adequate.
- c) Indoor air quality is within the required limits.

Recommendations :

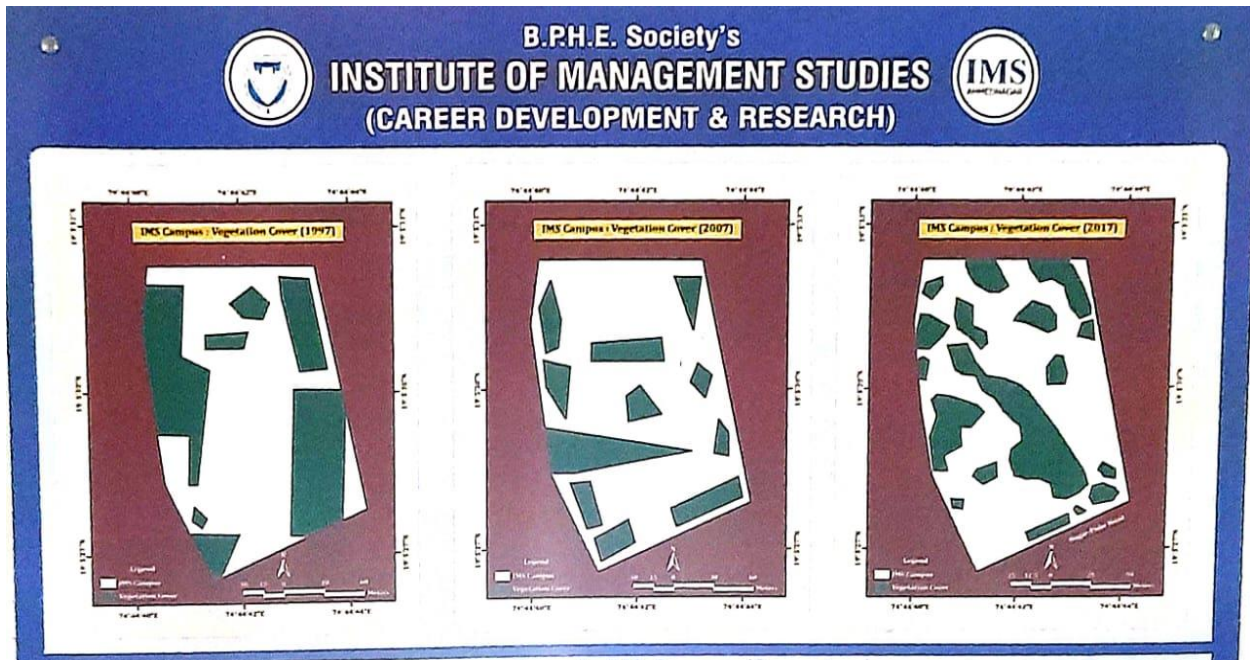
- Some of the Air conditioners(AC) in the computer labs need to be replaced over a period of time. This will ensure reduction in the electricity consumed since the current ACs are in use since a long time and consume more electricity.
- 'No Honking' boards can be put in the campus to create awareness amongst the students regarding noise pollution.
- Students involvement and participation should be further increased to ensure 'Green Campus'

CONCLUSIONS

The Institute has taken adequate steps to promote "Green Campus". However, there is always scope for improvement. A special committee consisting of faculty, students and alumni may be setup to recommend further steps to promote environmental protection and awareness amongst the stake holders. New ideas to promote "Green Campus" should be encouraged and rewarded.

Date : 08th January 2021

Sd/-
For ICON INFRATECH
Er. Anwar Shaikh - Consulting Executive



Green Coverage at IMSCD&R

