

# GREEN AND ENVIRONMENT AUDIT REPORT

2017-18



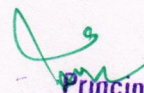
Principal

Dr. Kuldeep Singh Bal



GURU NANAK COLLEGE, BUDHLADA

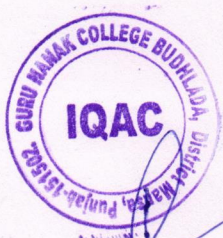


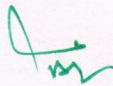
  
Principal  
Guru Nanak College  
BUDHLADA



## Content

Sr. No	Title/topic	Page
	Exclusive Summery and about Team	3-4
1	Introduction	5
1.1	Objective of green Audit	5
1.2	About the college	6
1.3	Motto, Vision, Mission and Objectives	6
2	Audit Methodology	7
2.1	Survey action plan	7
2.2	Data Evaluation	7
3	Land data observation and analysis	8
3.1	Greenery Site Analysis and Recommendation	8-11
3.1.1	Carbon Foot print	11
3.2	Water and Waste Water Conservation Analysis and Recommendation	12-13
3.3	Waste Management Analysis and Recommendation	14-15
	Pics of proof	16-18



  
 Principal  
 Guru Nanak College  
 BUDHLADA



### **Exclusive Summary:**

Environment degradation intensified everywhere in recent decade due to interference of human being by the excess emission of natural resource and conversion of agricultural land into housing area and industrialization process, leads many climatic issue like climate changes and global warming etc. So there is need for academic institution act as role model take initiative for the adoption a sustainable ecofriendly practice for all humans in harmony with nature and natural resource. Guru Nanak College Budhlada is situated in green area mostly surrounding of the college is having green vegetation though out the year in form of agricultural practices. Besides this institution want to know about exact natural climatic status of the college premises and planned for conducting a green audit of the college in October 2017 with expert panel nominated by authority. After field work survey and other formalities, the report was finally sent for approval to the authority (Principal and IQAC).

### **Audit policy statement**

This audit is conducted first time with the cooperation of internal and external experts to assure the national/ international standard of environment auditing.

In this auditing report institution has mentioned evidence of climatic features gathered as per auditing criteria to conclude the existing situation of the institution based on audit report.

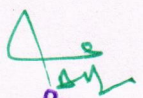
### **Purpose of audit**

For assurance of climatic features of the campus as per the set procedures, team has prepared this report for Guru Nanak College; Budhlada Mansa Punjab is based on input data submitted by the representatives of College. complemented with the best judgment capacity of the expert team.

While all reasonable care has been taken in its preparation, details contained in this report have been compiled in good faith based on information gathered.

It is further informed that the calculations are arrived following best estimates and no representation, warranty or undertaking, express or implied is made and no responsibility is accepted by Audit Team in this report or for any direct or consequential loss arising from any use of the information, statements or forecasts in the report



  
Principal  
Guru Nanak College  
BUDHLADA



**About Team:** Institution plan to conduct green audit studies after the accomplishment of meeting under the guidance of Higher authority (Principal) and IQAC coordinator for evaluation of environmental statuses of college premises in this surroundings. For this institution has planned internal expert of different discipline having good research track record in field of environment related studies and external committee from the same background is invited to do the green audit in institution.




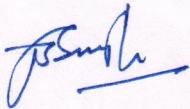


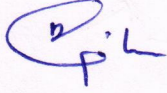
*AS*  
Principal  
Guru Nanak College  
BUDHLADA



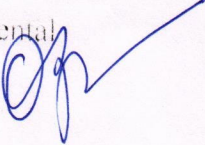

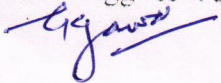
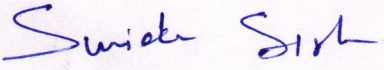

## Green Audit Team

(Session 2017-18)

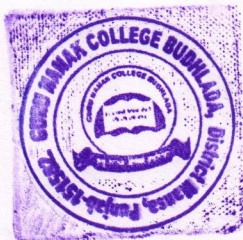
### Member of Internal Committee for Green and Environment Audit

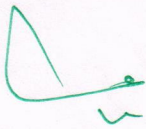
1. Dr. Narinder Singh, Coordinator IQAC 
2. Sri. Bikramjeet Singh, Associate professor and Head, Chemistry Department 
3. Mr. Harpreet Singh, Assistant Prof. Department of Mathematics 
4. Dr. Jatinder Singh Assist. Prof. Department of Chemistry 
5. Mr. Dilip Kumar Ojha, Assist. Prof. Department of Agriculture 

### Member of External Committee for Green and Environment Audit

1. Dr. Onkar Singh Braich, Assistant Professor, (Department of Zoology and Environmental Sciences, Punjabi University, Patiala.) 
2. Dr. Sandeep Mohan Ahuja, Professor, (Department of Chemical Engg. & Tech. SLIET, Longowal, Punjab) 
3. Dr. Gulshan Kumar Jawa, Associate Professor (Department of Chemical Engg. & Tech. SLIET, Longowal, Punjab) 
4. Dr. S.S. Bhinder, Assistant Professor (Dr. S.S. B.U.I.C.E.T, Panjab University Chandigarh) 
5. Dr. Harpreet Kaur, Assistant Professor, (PG, Department of Agriculture. GSSDGS, Khalsa College, Patiala) 

10 MAY 2018



  
Principal  
Guru Nanak College  
BUDHADA



## 1.INTRODUCTION:

Green audit is a process of systematic identification, quantification, data recording, reporting and analysis of components of the environmental related action plan. It is a general term done for the known of exact status of environment that is based on various kinds of evaluations intended to identify environmental features and its management system. And it can also be used to determine the type and volume of waste, which can be used for a recycling project or to improve waste minimization plan. It can create health consciousness and promote environmental awareness, values and ethics.

As environmental sustainability is becoming an important issue for the human and its surrounding, the role of higher educational institutions in relation to environmental sustainability is more prevalent for the communication of information and available technology that reduce of water, energy and carbon footprint and assured sustainability in human and environment welfare.

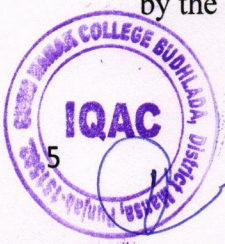
### 1.1 Objectives of Audit

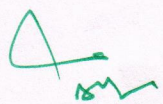
In recent years many researchers expert given enough proof for the environment degradation related effect like drastic increase in global temperature and variation in climate is really given indication of side effect of this. The aim is of green audit is to observe data of environmental feature help to access the problem and finding its solution that promote practices for sustainability of nature and develop model to adopt this for the reduction of water and carbon footprint.

The National Assessment and Accreditation Council, New Delhi (NAAC) has mandatory that all Higher Educational Institutions should submit an annual Green Audit Report. Moreover, it is part of Corporate Social Responsibility of the Higher Educational Institutions to ensure that they contribute towards the reduction of global warming through carbon footprint reduction measures. GNC, Budhlada has fixed the following objective to find the prices information of nature.

### Objectives of Green Audit

- ❖ To recognize the initiatives taken towards the green campus by means of gardening by the Organization.



  
Principal  
Guru Nanak College  
BUDHLADA