

GREEN & ENVIRONMENT AUDIT REPORT 2014-15

Date- 03/05/2015 to 08/05/2015

1. Aim of Objective

- i. Beautification of College Campus.
- ii. Boosting Plantation Programme and Gardening.
- iii. Pollution free campus.
- iv. Practical education regarding pollution to the students of biological science.

2. Location of the College

Gopalpur College, Gopalpur, Balasore
Mouza - Sarangapur, Po- Jageswarpada
Via- Gopalpur, Ps- Khantapada, Dist- Balasore, State- Odisha
Plot no- 06 (1 acre), Plot no- 07 (81 decimal) and
Plot no- 1690, 1691, 1695, 1696, 1697 with total area - 13.5 acre.
Year of Establishment- 1978

3. Mode of survey

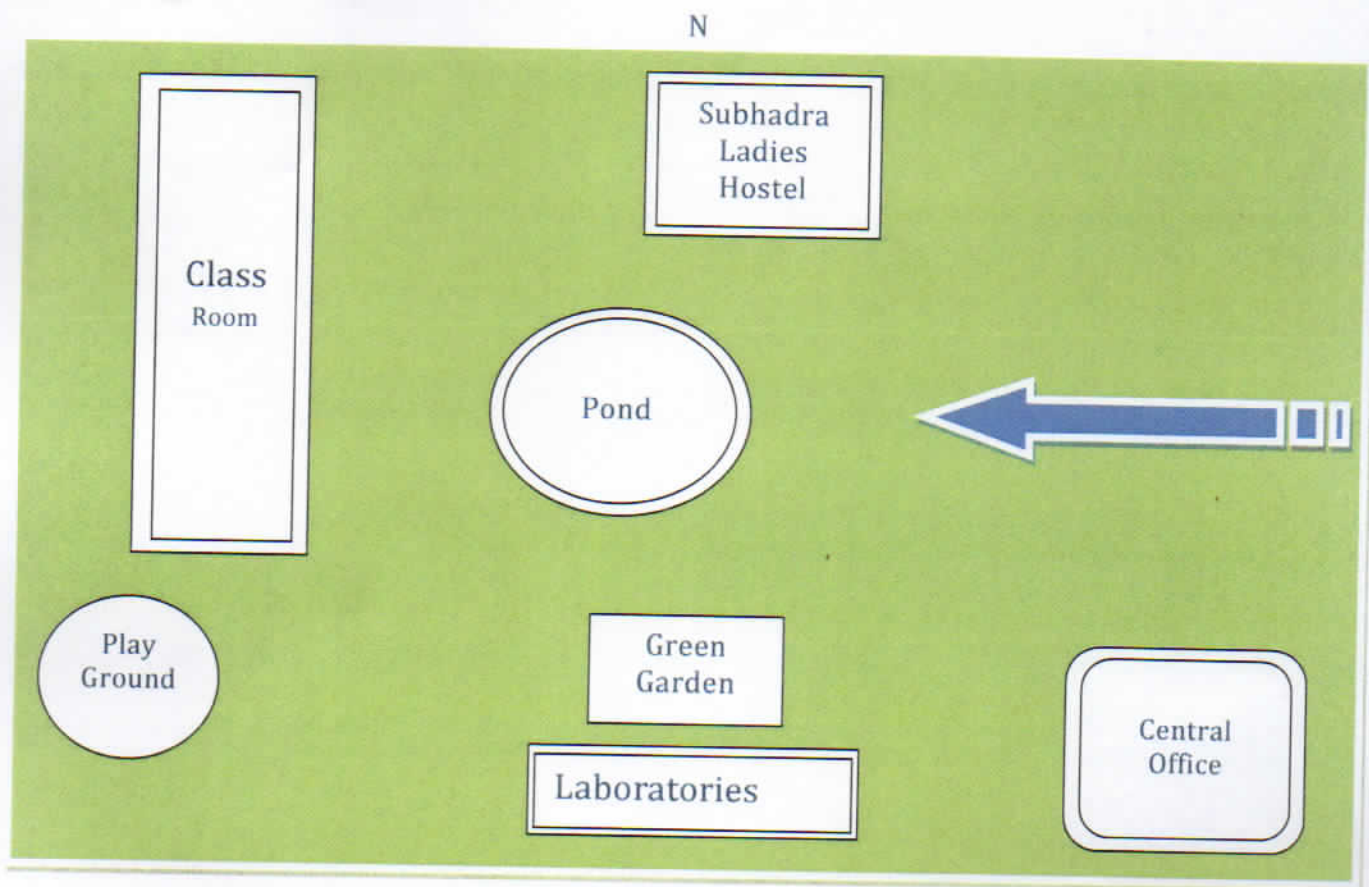
- a. Pond- 90' X 80' X 6'
- b. General Garden
- c. Study of green populatic on

4. Study of Pollution

- Science lab: - Chemistry lab of this College releases SO_2 , $(NO)_x$, NH_3 , Cl_2 , CO_2 . Etc while conducting practical classes.
- Vehicular Pollution:- More than hundred two wheeler come to the college daily.
- BCR, GCR, SCR, Office Laboratories release foul odious.
- A number of vehicles pass through the nearby salt roads which cause air pollution.

5. Other Difficulties

This College is very prone to cyclone, flood, lightening, in each year. A number of plants are uprooted or dwindled. College is only 10km away from seashore of Bay of Bengal. A salt road passes close to the college campus. The vehicles release air pollutants which pollute the College atmosphere.



Remedial measures

The official wastes like unused papers, Cartoons, fallen leaves, cow dung are collected and dumped into a pit NSS student and students of Biological science do a lot to solve this problem. These are biologically degraded. The decomposed humus is utilized in garden and plantation work.

College Garden

To beautify the campus diff. permanent ornamental plants are planted. These are Croton, Arcania, Passiflora, periwinkle, Cycas, Might jasmine, Rose etc. Different seasonal flowers are planted during sun flower, winter plants etc.

Future Plan

To control pollution there is plan for huge plantation in the campus Subhadra Women's hostel and around the college playground.

Green Population Study

Name	Full grown	Young	Sapling	Uprooted	Total
Acacia	120	20	05	00	145
Bakul	10	15	10	00	35
Jamun	03	00	00	00	03
Sinisha	07	00	00	00	07
Betelnut	07	03	00	00	10
Paper plant	02	00	00	00	02
Neen	45	15	00	00	60
Kanchan	01	00	00	00	01
Sik Cotton	07	00	00	06	13
Radhachuda	10	02	01	00	13
Arjun	03	00	00	00	03
Batapi	-	01	-	-	01
Chhagalbati	01	-	-	-	01
Coconut	04	-	-	-	04
Red wood tree	08	-	-	-	08
Banyan	00	01	-	-	01
Jui	02	-	-	-	02
Mango	17	03	02	-	22
Sapota	08	01	-	-	09
Margosa	00	03	-	-	03
Champak	02	-	-	-	02
Nageswar	01	00	00	00	01
Debadaru	52	07	02	-	61
Guava	02	02	-	-	04
Muchakund	01	-	-	-	01
Tamarind	01	-	-	-	01
Janglibadar	01	-	-	-	01
Teak	20	20	05	-	45
Euqualiptes	10	01	-	-	11
Arcania	03	-	-	03	06
Palmyra palm	04	02	-	-	06
Prunus	-	03	-	-	03
Diospyros	-	01	-	-	01
Buanla	08	06	-	-	14
Karuna	00	01	-	-	01
Total	360	107	25	09	501

Appraisal report

Audit is done by Eco club established in the Department of Botany. The durability or effectiveness of such report is one year in normal condition.

Umesh Ch. Panigrahi
Signature of
Reader in Botany
Green Audit Officer

Narendra Prasad Bhowmik
N P

Principal
Gopalpur College, Gopalpur, Balasore
Gopalpur College
Gopalpur, Balasore.