

**PROCEEDINGS OF THE COMMISSIONER OF COLLEGIATE
EDUCATION: TELANGANA STATE, HYDERABAD**

Present: Sri. Navin Mittal, IAS

Sub: CCETS – Quality Initiatives of GDCs –Green Audit for all GDCS –
Constitution of College level and State Level Committees – Reg.

As part of the quality initiatives of Government Degree Colleges and to facilitate the GDCs to secure a better grade in NAAC accreditation, it is decided to conduct Green Audit for all Government Degree Colleges in the state. Green audit includes, water audit, energy audit, environmental audit, e-waste audit, trees and plants audit, carbon foot print audit etc. A proactive and enlightened Green Audit helps to keep the environment on the campus, pollution free, neat & clean.

The Green Audit committee should audit the following various categories of audit within the college campuses.

- a) *Water Audit:*** Water harvesting and waste water management and disposal are also part of green audit. The committee should investigate the relevant methods that can be adopted and implemented to balance the demand and supply of audit. The committee also checks waste water disposable practices of the colleges.
- b) *Energy Audit:*** It deals with the energy consumption and methods to reduce its consumption and related pollution.
- c) *Trees & Plants Audit:*** It deals with auditing of plants including medicinal plants, trees and other green initiatives of the colleges.
- d) *Environmental Audit:*** It analyses the air quality, noise level and programs undertaken by the institution to reduce the pollution.
- e) *e-Waste Audit:*** It deals with electronic related waste disposables and hazardous wastes and recycling of waste materials.
- f) *Waste Audit:*** It deals with dry waste and wet waste disposal mechanism and whether the waste has been used for compost or not is monitored.

g) Carbon Foot Print Audit: It deals with fuel consumption and emissions released from vehicles of staff and students.

Further, for administrative convenience, it is decided to set up a two tier Audit Committees i.e., College level and State level.

College Level Audit Committee: The composition of the College Level Audit committee consists of the following;

Chairman: Principal of the college

External member: ID College Principal or Neighbouring College Principal

Convenor: Any Science faculty of the college

Members: Any two senior faculties from science departments

Student volunteers: Four to five Students from Sciences

The following procedure shall be followed for college level audit:

- The whole campus is divided in two different blocks like administrative, academics, Student Hostel, canteen etc., and each block is to be looked after by a team of faculty and five student volunteers. The lecturers and volunteers are provided with a green audit batch to give them identity on the campus.
- The committee should ensure the systematic disposal of the garbage by classifying them in to biodegradable and non-degradable components.
- It also creates awareness among the students on environmental awareness, solid waste management, conservation of natural resources, sustainable development etc.

At college level, the audit committee should conduct an audit for every two years, evaluate the audit program prepare an audit report and the same should be sent for state level committee for evaluation. Model audit documents will be provided to all the GDCs to enable them to get audit done for all kinds of audit and based on

the recommendations of the audit committee, the CCE shall issue the Audit Certificates to the concerned GDCs.

A State Level Audit Committee is being constituted which will examine the internal audit reports of various colleges and thoroughly scrutinizes the documents submitted by the Principals of GDCs. Based on the recommendations of the State Level Audit committee at CCE level, the colleges will be issued Audit Certificates. The audit Certificate is valid for Two Years from the date of issue of certificate.

Hence, all the Principals of Government Degree Colleges are here by directed to conduct Green Audit by following all the guidelines issued in this regard and submit the periodical compliance report to the O/o CCE.

Signature Not Verified

Digitally signed by NAVIN MITTAL IAS

Date: 2021.04.23 17:15:28 IST

Reason: Approved

Commissioner of  Illegiate Education

ANNEXURE

S.No	District	Name of the College
1	Adilabad	GDC A&C Adilabad
2	Bhadradri Kothagudem	GDC Bhadrachalam
3	Bhadradri Kothagudem	GDC Kothagudem
4	Bhadradri Kothagudem	GDC Paloncha
5	Bhadradri Kothagudem	GDC Yellandu
6	Jagtial	GDC (W) Jagtial
7	Jogulamba Gadwal	GDC Shantinagar
8	Kamareddy	GDC Banswada
9	Kamareddy	GDC Bichkonda
10	Kamareddy	GDC Kamareddy
11	Karimnagar	GDC Huzurabad
12	Khammam	GDC Sattupally
13	Mahabubabad	GDC Mahabubabad
14	Mancherial	GDC Mancherial
15	Mulugu	GDC Eturunagaram
16	Nagarkurnool	GDC (A&C) Nagarkurnool
17	Nagarkurnool	GDC (S) Nagarkurnool
18	Nagarkurnool	GDC Kalwakurhty
19	Nagarkurnool	GDC Kollapur
20	Nagarkurnool	GDC Palem
21	Nalgonda	GDC (W) Nalgonda
22	Narayanpet	GDC Narayanpet
23	Peddapally	GDC Manthani
24	Sangareddy	GDC (W) Sangareddy
25	Suryapet	GDC Huzurnagar
26	Suryapet	GDC Kodad
27	Warangal (R)	GDC Narsampet
28	Yadadri Bhuvanagiri	GDC Alair
29	Yadadri Bhuvanagiri	GDC Ramannapet
30	Hyderabad	GDC (W) Begumpet



Preparation of Clay Ganesh with natural soil to protect the water pollution from the contamination of colors used in existing usage .



Clean and Green Campus Initiatives



Proper use, maintenance and cleanliness of Water In the College campus







Maintenance of Greenery in college campus



Save Energy- Save Environment

Eradication of unwilling usage of Electricity.





GOVERNMENT DEGREE COLLEGE, ETURNAGARAM

MULUGU DISTRICT – 506165

(ACCREDITED WITH 'B' GRADE BY NAAC)

Environmental promotional activities conducted outside the college c campus

1. Awareness program on prevention of deforestation

An awareness program conducted to the tribal communities to provide awareness on culturing wild silk worms in the natural conditions of forest region. During the culture of wild silk worms a mass destruction of trees takes place usually. Department of life sciences along with the students visited the rearing areas and advised the tribal communities and explained the pruning techniques instead of cutting the entire tree.





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2. Conservation of wild Tasar Silk worm bio-diversity.

Research scholars of the Kakatiya University along with the staff and students of the college visited and explained the methods of safeguard the wild tasar silk worms especially from biotic stress such as pests and predators.





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3. Awareness program on clean and green surrounding

The staff and students of the college conducted a rally on clean and green surrounding in Eturnagaram. A mass clean and green program also organized at the surrounding of the bus stand.





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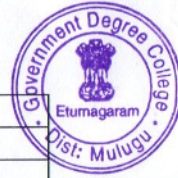
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4. Visit to Eturnagaram wild life Nursery

A field visit program conducted to the students of life sciences to the eturnagaram wild life nursery. The students observed the various types plants nurturing in the nursery. They advised the nursery management to propagate more number of fruit samplings for plantation in the forest area under the 'HARITHA HARAM' campaign which meet the food needs of forest animals like monkeys, wild pigs and deer etc so that the animals doesn't enter in to the nearby villages for food.




Figure 5: Students visited Terminalia sp. plantation in the forest Department at Eurnagaram.



GOVERNMENT DEGREE COLLEGE, ETURNAGARAM
ENERGY AUDIT REPORT

Sl.No	Electrical appliance/ insturments	Number	Power(W)/ Unit	Total power(W)	KW	Operati on per day	Kw/hr	No.of Days in month	Total consump tion per month	
1	LED BULB	66	9	594	0.594	20	11.88	25	297	
2	LED TUBE	130	20	2600	2.6	60	156	25	3900	
3	PROJECTOR	15	280	4200	4.2	3	12.6	25	315	
4	SPEAKER	10	10	100	0.1	4	0.4	25	10	
5	FAX	115	60	6900	6.9	50	345	25	8625	
6	COMPUTER	147	250	36750	36.75	25	918.75	25	22968.75	
7	PRINTER	6	60	360	0.36	3	1.08	20	21.6	
8	PHOTOST MACHINE	2	650	1300	1.3	1	1.3	15	19.5	
9	SCANNER	2	50	100	0.1	1	0.1	15	1.5	
10	UPS	7	1000	7000	7	7	49	30	1470	
11	A/C	6	7000	42000	42000	1	42	15	2100	
12	REFRIGERATOR	5	150	750	0.75	5	3.75	30	112.5	
13	TABLE FAN	2	55	110	0.11	2	0.22	25	5.5	
14										
15			TOTAL CONSUMPTION PER MONTH							39846.35


PRINCIPAL
 Government Degree College
 ETURNAGARAM
 Mulugu Dist-506165



GOVERNMENT DEGREE COLLEGE, ETURNAGARAM
MULUGU DISTRICT - 506165
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GREEN AUDIT CERTIFICATE

Green Audit has been conducted for the academic year 2018-19 by an external committee constituted by the college Gree Audit.

The Committee discussed and suggested a standard model of audit. The model involves water, waste, energy and greenery. The basic data was collected with the help of the students. The data was analyzed by the external committee and revealed that the environment in the campus is in healthy and hygienic. The committee suggested few recommendations for the protection of environment.

1. Increase the greenery in the campus by more number trees.

Signature of the External Members

- 1.
- 2.

Department of Botany
Kakathiya University
Warangal - 505009

PRINCIPAL
Government Degree College
ETURNAGARAM
Mulugu Dist-506165



GOVERNMENT DEGREE COLLEGE, ETURNAGARAM
MULUG DISTRICT – 506165
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CIRCULAR

The following Faculty members are requested to nominate 5 to 6 students names for Green Audit committee for various categories of Green audit. The convener and the students should conduct audit within the college on various categories mentioned in the Green Audit.

S.No.	Name of the Faculty	Convener	Signature
1	Sri.K.Venkateshwarlu	Water Audit	
2	Sri.D.Naveen	Energy Audit	
3	Dr.M.Ghan Singh	Trees and Plant Audit	
4	Sri.U.Swamy	Environmental Audit	
5	Sri.D.Naveen	e-Waste	
6	Dr.B.Renuka	Waste	
7	Dr.M.Ghan Singh	Carbon Foot Print	

**RAMULU
BOLUGANI**

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by RAMULU
BOLUGANI
Date: 2021.10.08
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Principal