

# GREEN AUDIT REPORT



**TELANGANA SOCIAL WELFARE  
RESIDENTIAL DEGREE & PG COLLEGE FOR  
WOMEN, IBRAHIMPATNAM**



**OFFICE OF THE PRINCIPAL  
TELANGANA SOCIAL WELFARE RESIDENTIAL DEGREE  
& PG COLLEGE FOR WOMEN IBRAHIMPATNAM  
AT ANKUSHAPUR**

**College Code: 61527**

**OU College Code : 2814**

**PRINCIPAL**

**Dr H Radhika Mcom, MBA, NET, SET, Ph.D**

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**Mobile No.: 9121004526**

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## **GREEN AUDIT REPORT**

**Green Audit Assessment Team**

### **Internal**

1. Dr. H. Radhika (Chairman)
2. Soujanya (Vice Chairman)
3. Ujwala(Coordinator)
4. Madhavi
5. Dr. Padmavathi

### **External**

1. Shivayya
2. Dr. Bhanu Prasad

## **Objectives**

- Environmental Audit can be highly valuable tool for college in improving environmental and economic performance by reducing wastage.
- The aim of Green audit is to survey the existing vegetation assess the significance of the features found in order to facilitate the development of environment for long term objectives. These objectives help in demarcation of areas in restoring biodiversity.
- The Internal Audit team collect the factual data of the campus about water, energy and waste management and the external audit team make recommendation for conservation, protection, rejuvenation of natural environment by involving students and faculty members.

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**Water management:**

The study evaluates the facilities of water intake. The process investigates the method that adopted and implemented to balance demand and supply of water.

<b>WATER MANAGEMENT</b>			
<b>S.NO</b>	<b>PARAMETERS</b>	<b>REFERENCE</b>	<b>REMARKS</b>
1	Source of Water	Municipal +20	
2	No of Motor used	2	
3	Horse power - Motor	1/2 hp	
4	Number of water tanks	2	
5	Capacity of Tank	5000 Its	
6	Any water wastage / Why	No	
7	Water wage for gardening	Yes	
8	Waste water sources	Kitchen	
9	Rain water Harvesting	Yes	

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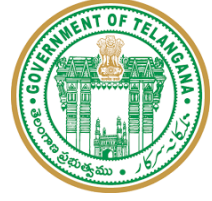
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**1. Energy Audit Report**

Sl.No	Electrical appliances/instruments	Number	Power (W)/unit	Total power (W)	kW	Operation /day	kW/hr.	No. of days in month	Total consumption per month
1	Tube lights	25	20	500	1/2	4 hours	2	25	50 kw
2	Fans	36	60	2160	2.16	4 hours	8.64	25	172.8 kw
3	Computers	40	1200	48000	4.8	6 hours	8.4	25	210 kw
4	Projector	1	150	150	0.15	4 hours	0.3	25	7.5 kw
5	Printers	3	300	900	0.9	1 hour	0.9	25	2.25 kw
6	Photocopy	1	500	500	0.5	1, hour	0.5	25	12.5 kw
7	Motor	1	400	400	0.4	1 hour	0.4	25	10 kw
8	C.C. T.V	6	6	36	0.036	4 hours	0.864	30	25.92kw

  
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**2. Waste management**

Approximate quantity of waste generated per day (in kg)

<b>Office</b>				
Approx.	Biodegradable	Non -Biodegradable	Hazardous	Others
<1Kg				<1kg
2-10Kg	8-10	4.5		
>10Kg				

<b>Laboratories</b>				
Approx.	Biodegradable	Non -Biodegradable	Hazardous	Others
<1Kg	<1kg			
2-10Kg		2	NIL	
>10Kg				

**3. How the waste generated in the college is managed?**

A)Composting/ Vermicomposting	Yes
B)Recycling	Yes
C)Reusing	Yes
D)Other ways	Yes

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**4. Waste generated in the college?**

E-waste	Computer parts/electrical parts
Hazardous waste	Nil
Solid waste	Damaged furniture/paper plates/paper waste
Dry leaves	Yes
Canteen waste	N/A
Liquid waste	Water from lunch room wash basin
Glass	Nil
Unused Equipment	Nil
Napkins	Yes
Others (specify)	-
Do you use recycled paper in college?	YES
Any waste management methods used?	YES

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**Carbon foot Print Analysis**

<b>Total number of vehicles used:</b>	<b>4 Wheelers</b>	<b>2 Wheelers</b>
1. Faculty	4	2
2. Students	-	-
3. Public transportation by students	-	-
4. Average distance travelled	-	5kms
5. Quality of fuel used	-	1ltr
6. Average Quality of fuel by car	-	5ltrs
7. No of generators used per day	NIL	
8. Amount of fuel used	NIL	
9. Number of LPG Cylinders/in Labs	NIL	
10. Use of fire wood	NIL	

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**FLORA AND FAUNA IN THE CAMPUS**

**FLORAL DIVERSITY**

S.No	Local Name	Scientific Name	No.of Plants
1	Gulabi	Limnophila indica	1
2	Mandara	Hibiscus rosa sinensis	2
3	Jamakaya	Psidium guajava	1
4	Mallepuvu	Jasminum	1
5	Vankaya	Solanum melongena	1
6	Kothimeera	Coriander	1
7	Mirchi	Capsicum Annuum	1
8	Gummadikaya	Cucurbita pepo	1
9	Tomato	Solanum lycopersicum	1
10	Munaga	Moringa oleifera	1



11	Pomegrante	Punica granatum	1
12	Nimma	Citrus	1
13	Ganneru	Nerium Indicum	1
14	Seethaphal	Annona squamosa, Annona cherimola and Annona reticulate	1
15	Papaya	Carica papaya	2
16	Thulasi	Ocimum tenuiflorum	3
17	Ashoka	Saraca asoca	5
18	Neredu	Syzygium cumini	2
19	Gorintaku	Lawsonia inermis	3

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**FAUNA DIVERSITY**

S.No	Local Name	Scientific Name
1	Ant	Formicidae
2	Honey bee	Apis
3	Dog	Canis lupus familiaris
4	Cat	Felis Catus
5	Monkey	Cercopithecidae
6	Earthworm	Lumbricina
7	Grasshopper	Caelifera
8	Lizard	Lacertilia
9	Crow	Corvus brachyrhynchos
10	Sparrow	Passer domesticus
11	Dragon fly	Anisoptera
12	Peacock	Pavo Cristatus
13	Snail	Gastropoda
14	Myna	Acridotheres Tristis
15	Black koel	Eudynamys scolopaceus
16	Black Ant	Lasius Niger

17	Pigeon	Columbidae
18	Squirrel	Sciuridae

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