



OFFICE OF THE PRINCIPAL GOVERNMENT COLLEGE LAWAN

DISTRICT- BALODA BAZAR-BHATAPARA (C.G.)

Phone : 9425206780, E-Mail : lawncollege_2009@rediffmail.com, PIN: 493526

Website- <http://govtcollegelawan.in/> College Code - 1209

LAWAN, Date 05/06/2019

-GREEN ACTION PLAN-

Objective - To make environmental awareness and action an intrinsic part of the life and ethos of the students, faculty members, non-teaching staff, visitors and community.

Aims-

- To provide a forum for management, academic staff and students to meet and engage on environmental issues.
- Foster ideal practices for sustainable environment.
- Empower students and staff to create a more balanced campus community.
- Improve learning on campus through development of student's confidence and sense of citizenship through participation, research and skills pertaining to environmental issues.
- Improve the campus environmental performance, reduce environmental risks and impacts, and achieve financial savings.
- Set a good example in the community and involve local stakeholders.
- Improve management of environmental aspects in the campus.
- Addressing crucial concerns about climate change.
- Prohibition of single use plastic products in the campus.

05.06.2019

(Y.R. MAHILANE)

VC PRINCIPAL

GOVT.COLLEGE,LAWAN
Distt.Baloda Bazar-Bhatapara (C.G.)

ENVIRONMENT AUDIT –

The institution has a system for environment auditing of its facilities which is carried out by the National Service Scheme and Eco Club.

The college endeavours to minimize the use of plastic in the campus. The plastic articles with less thickness than 125 microns are avoided. The use of single use plastic such as disposable cups, single use pens, plates and water bottles in the canteen are discouraged.

Students and staff are motivated to use paper, jute bags or cotton bags.

The students, alumni members and staff have planted several tree saplings during various tree plantation programmes organized by the institution through the NSS and all these trees are taken care of and maintained by the NSS volunteers and staff of the college.

Care is taken to ensure that the college environment has low levels of carbon emission and low pollution levels so that the campus is healthy for all.

Most of the students commute by bicycle or public transport systems.

The college is declared as 'No Tobacco Zone' and the recognition is certified by the Health Department.

Energy conservation

The College is well ventilated with large windows which minimizes the use of Lights and Fans. The College conducts awareness programmes on energy conservation and adopts measures to ensure that energy is conserved wherever possible.

Students are communicated to maintain ideal power usage practices in the classrooms.

LED Tube lights and Tube lights are used instead of conventional bulbs. The institution strictly monitors to see that no electric equipment runs unnecessarily. Thus, enough measures are taken to use electricity carefully

The college entrance has a solar panel embedded with street light with motion sensors installed at the entrance gate of the college building.

Water Conservation-

The overhead water tanks are fitted with alarmed sensors to alert and avoid water overflow. The locality has a scarcity of drinking water. As a part of social responsibility, the college allows the villagers of nearby areas to avail the drinking water from the college. The judiciousness of water is taken care of by the staff members.

All the leaking taps are repaired at the earliest possible time.

The campus has an open well recharge, wet bund, waste water recycling and rainwater harvesting system which conserve water in the college premises.

Greenery Management- The college has a vast area of 25 acres. The trees are planted by the NSS Volunteers, students, alumni members, staff and local representatives. The grazing of fields by cattles of the villagers poses a challenge to protect the planted saplings. Tree guards are used for protection of plants. The concept of bio-fencing is being practised in the college ground. A nursery is created in the campus. The seeds of mango and other fruits consumed by the students and staff are preserved for plantation in the monsoon period. The plants are prepared in the nursery from seeds of these fruits. Vermicomposting is also practised for disposing of biodegradable waste.

V. Patel
15/07/2021
S. K. Patel
(Audit Incharge)

Ajay Mishra
15.07.2021
Ajay Mishra
NSS-Programme Officer
Government College, Lawan

Y. Singh
15.07.2021
WC PRINCIPAL
GOVT. COLLEGE, LAWAN
Distt. Baloda Bazar-Bhatapara (C.U.)

GOVERNMENT COLLEGE LAWAN

BIODIVERSITY AUDIT

NO	NAME OF PLANT SPECIES	COMMON NAME	FAMILY	AREA
1	ALSTONIA	DEVIL'S TREE	APOCYNACEAE	FRONT OF COLLEGE GATE
2	TINOSPORA CARDIFOLIA	GILOY	MENISPERMACEAE	BACK SIDE OF COLLEGE BUILDING
3	ALOE VERA	GHRITKUMARI	ASPHODELACEAE	COLLEGE CORRIDOR
4	OCIMUM SANCTUM	TULASI	LAMIACEAE	COLLEGE CORRIDOR
5	EMBLICA OFFICINALIS	AAMLA	PHYLLANTHACEAE	LEFT SIDE OF COLLEGE BUILDING
6	CYPRUS ROTUNDUS	NUT GRASS	CYPERACEAE	NEAR CYCLE STAND
7	CHRYSANTHEMUM INDICUM	INDIAN CHRYSANTHEMUM	ASTERACEAE	NEAR CYCLE STAND
8	ROSA INDICA	ROSE	ROSACEAE	COLLEGE CORRIDOR
9	PHYLLANTHUS NIRURI	GALE OF WIND	PHYLLANTHACEAE	NEAR CYCLE STAND
10	RICINUS COMMUNIS	CASTOR	EUPHORBIACEAE	RIGHTSIDE OF COLLEGE
11	AGERATUM CONYZOIDES	BILLYGOAT-WEED	ASTERACEAE	NEAR CYCLE STAND
12	CALOTROPIS PROCERA	AAK,MADAR		ROAD SIDE
13	CATHARANTHUS ROSEUS	SADASUHAGAN	APOCYNACEAE	CORRIDOR AND LEFT SIDE OF COLLEGE BUILDING
14	ACACIA NILOTICA	BABUL	FABACEAE	RIGHT SIDE OF COLLEGE BUILDING
15	HIBISCUS ROSA-SINENSIS	GUDHAL	MALVACEAE	RIGHT SIDE OF COLLEGE BUILDING
16	ARGEMONE MEXICANA	PILI KATERI	PAPAVERACEAE	ROAD SIDE
17	DELPHINIUM AJACIS	LARKSPUR	RANUNCULACEAE	ROAD SIDE
18	FICUS RELIGIOSA	PEPAL	MORACEAE	BACK SIDE OF COLLEGE BUILDING
19	AZADIRACHTA INDICA	NEEM	MELIACEAE	BACK SIDE OF COLLEGE BUILDING
20	MANGIFERA INDICA	AAM	ANACARDIACEAE	FRONT OF COLLEGE
21	FICUS BENGHALENSIS	BANYAN TREE	MORACEAE	RIGHT SIDE OF COLLEGE BUILDING
22	WITHANIA SOMNIFERA	ASHWAGANDHA	SOLANCEAE	RIGHT SIDE OF COLLEGE BUILDING
23	ANDROGRAPHIS PENICULATA	GREEN CHIRETTA	ACANTHACEAE	NEAR CYCLE STAND
24	RAUVOLFIA SERPENTINA	SARPGANDHA	APOCYNACEAE	LEFT SIDE OF COLLEGE BUILDING
25	ADHATODA VASICA	MALABAR NUT	ACANTHACEAE	LEFT SIDE OF COLLEGE BUILDING
26	TERMINALIA CHEBULA	HARRA	COMBRETACEAE	LEFT SIDE OF COLLEGE BUILDING
27	DALBERGIA SISSOO	SHEESHAM	FABACEAE	BACK SIDE OF COLLEGE BUILDING
28	TECTONA GRANDIS	SAGOUN	LAMIACEAE	BACK SIDE OF COLLEGE BUILDING
29	ECLIPTA PROSTRATA	BHRINGRAJ	ASTERACEAE	NEAR CYCLE STAND
30	ZIZIPHUS JUJUBA	BER	RHAMNACEAE	LEFT SIDE OF COLLEGE BUILDING
31	DELONIX REGIA	GULMOHAR	FABACEAE	RIGHT SIDE OF COLLEGE BUILDING
32	SYZYGIIUM CUMINI	JAMUN	MYRTACEAE	RIGHT SIDE OF COLLEGE BUILDING

	NAME OF INSECT	COMMON NAME	AREA
1	ANT	FIRE ANTS FORMICA BLACK ANTS CARPENTER ANTS RED IMPORTED FIRE ANTS	NEAR CYCLE STAND
2	BEE	BUMBLEBEE BOMBUS HONEY BEE APIS GENUS CARPENTER BEE WESTERN HONEY BEE HORNETS VESPA	COLLEGE BUILDING
3	BEEBLE	SEVEN-SPOT LADYBIRD ANTLIKE FLOWER BEETLES BORER BETTLES	LEFT SIDE OF COLLEGE BUILDING
4	BUTTERFLY	MONARCH BUTTERFLY PAINTED LADY RED ADMIRAL COMMON GRASS YELLOW PLAIN TIGER BLUE MOON BUTERFLY	COLLEGE GARDEN AND NURSERY
5	BUG	BEETLESS COLEOPTERA LADYBUGS TRUE BUGS BEES ANTHOPHILA	NEAR CYCLE STAND
6	CATERPILLAR	PAPILIO MACHAON DANAUS PLEXIPPUS RED ADMIRAL	NEAR CYCLE STAND
7	COKROACH	ORIENTAL COCKROACH BROWN BANCLED COCKROACH AMERICAN COCKROACH GERMAN COCKROACH	COLLEGE PREMISES

	CRICKET	HOUSE CRICKET ACHERA DOMESTICS CAELIFERA CAELIFERA MANRIS MANTODEA CRYLLUS CAMPESTRIS	COLLEGE GROUND
9	DRAGONFLY	EMPEROR ANAX EPHIPPIGE RED-VEINED DARTER COMMON BLUE DAMSELY AZURE DAMSELY	NEAR CYCLE STAND
10	FLEA	LICE PHTHIRAPTERA TICK IXODIDA CAT FLEA CTENOCEPHALI DOG FLEA CTENOCEPHALI	RIGHT SIDE OF COLLEGE BUILDING
11	FLY	COMMON FRUIT FLY MOSQUITOSE CULCICIDAS HOUSEFLY MUSCA DOMESTICA HOUSE FLY TABANIDAE	LEFT SIDE OF COLLEGE BUILDING
12	GRASSHOPPER	AMERICAN BIRD GRASSHOPPER DESERT LOCUST DIFFERENTIAL GRASSHOPPER TWO-STRIPED GRASSHOPPER RED-LEGGED GRASSHOPPER	NEAR CYCLE STAND
13	GRUB	JAPANESE BEETLE EUROPEAN CHAFER BACILLUS THURINGIENSIS COLORADO POTATO BEETLE	BACK SIDE OF COLLEGE BUILDING
14	LADYBUG	ASIAN LADY AXYRIDIS BEETLES COLEOPTERA CHILOCORINAE CHILOCORINAE	LEFT SIDE OF COLLEGE BUILDING
15	MAGGOT	HOUSEFLY COMMON GREEN BOTTLE FLY CHRYSOMYA MEGACEPHALE BLUE BOTTLE FLY DRONE FLY	RIGHT SIDE OF COLLEGE

16	MOSQUITO	ASIAN TIGER MOSQUITO FLY DIPTERA YELLOW FEVER MOSQUITO FEMALE ANAPHILISE AEDES AEDES	CLASSROOMS
17	SNAIL	GARDEN SNAIL BURGUNDY SNAIL GIANT AMERICAN SNAIL HELIX IUCORUM DECOLLAT SNAIL	COLLEGE GROUND
18	LOCUST	MIARATORY LOCUST DESERT LOCUST PLAGUE LOCUST	COLLEGE GROUND
19	TERMITE	CAREPENTER ANT CAMPONOTUS ANTS FORMICIDAE RHINOTERMITIDE FLEA SIPHONPTERA	COLLEGE GROUND
20	TICK	FLEA SIPHONAPTORA DEER TICK IXODES SCAPULARIS LICE PHTHIRAPTERA IXODES RICINUS	BACK SIDE OF COLLEGE BUILDING
21	WASP	COMMON WASP ASIAN GIANT HORNET POLYBIA OCCIDENTALIS	RIGHT SIDE OF COLLEGE BUILDING
22	GREENFLY	THRIPS THYSANOPTERA BLACK BEAN APHID APHIS FABAE SCALE INSECT COCCOIDEA MEALYBUG	CORRIDORS
23	PRAYING MANTIDS	EUROPEAN MANTIS MANTIS RELIGIOSA PHASMIDS PHASMATODEA CAELIFERA CAELIFERA	COLLEGE NURSERY

	LIZARD	CHAMAELEONS CHAMAELEONIDAE TAKYDROMUS GILA MONSTERS MONITORS IGUANAS	COLLEGE CLASSROOMS
25	SPIDER	TRANTULAS HUNTSMAN SPIDER WIDOW SPIDER JUMPING SPIDER GRASS SPIDER TEGENARIA TANGEL WEB SPIDER	CLASSROOMS
26	HONEYBEE	BEEES ANTHOPHILA WESTERN HONEY BEE APIS MELLIFERA HORNESTS UESPA BUMBLEBEE BOMBUS	COLLEGE BUILDING FIRST FLOOR
27	CENTIPEDE	MILLIPEDES DIPLOPODA HOUSE CENTIPEDES SCUTIGERUMOR SCOLOPENDRID	COLLEGE GROUND, PARKING AND NURSERY AREA
28	CICADA	TIBICINA HAEMATODES DOG-DAYCICADA PHAROH CICADA CICADETTA MONTANA RED-EYE FAIRY CICADA	LEFT SIDE OF COLLEGE BUILDING
29	EARTHWORM	EISENIA FETIDA APORRECTODEA CALIGINOSA LUMBRICUS RUBELLUS EUDRILUS EUGENIAE APORRECTODEA ROSEA	COLLEGE GROUND
30	MOTH	PEPPERED MOTH DARK SWORDGRASS GOAT MOTH CODLING MOTH	LIBRARY TUBELIGHTS

Verified

[Signature]
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(BR) *[Signature]*

// प्रमाण पत्र //

प्रमाणित किया जाता है कि शासकीय महाविद्यालय लवान में ऊर्जा संरक्षण हेतु महाविद्यालय परिसर का निरीक्षण किया गया तथा विजली खपत कम करने के उपायों पर सुझाव दिये गये।

दिनांक - 10 जुलाई 2021


Junior Engineer
C.S.P.D.C.L.-Lawan


GOVERNMENT COLLEGE LAWAN

ENERGY AUDIT Meter Reading Data Entry Form

METER NO. : T0042753

LOCATION : LAWAN

Year	Units	Bill Amount
2017-18	9931.00	3926.00
2018-19	10874.00	65326.00
2019-20	6301.00	46699.00
2020-21	7609.00	43152.00


11.07.2021
VC PRINCIPAL
GOVT.COLLEGE,LAWAN
Distt Baloda B... Bhatnagar, J...
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Equipment's/Instruments/Appliances

No.	Room No.	Name of the Equipment/Instrument /Appliance	Average Monthly Use (in hours)
1	Chemistry Lab	Computer	60
2		Oven	28
3		pH Meter	7
4		Colorimeter	7
5		Centrifuge	11
6		Water bath	32
7		Water distillation	20
8		Melting point Apparatus	5
9		Heating mantle	60
10		Conductometer	10
11		Nephelometer	4
12	Physics Lab	Mercury Lamp	3
13		Transistor Apparatus	4
14		Zener Diode Apparatus	4
15		Laser Light	1
16		Diode Apparatus	5
17		Volt Meter	7
18		Spectrometer	15
19	Prism (Flint & Crooks)	28	
20	Office	Vacuum Cleaner	23
21		Inverter	10
22	Room No.11	Induction cooker	5
23	Room No.12	Cooler	28
24	NSS Office Room	Cooler	21
25	Principal Room	Refrigerator	35
26		Cooler	18
27	Office	Cooler	23
28	Room No. 23	Cooler	36
29		Water Cooler	50
30		Electric Bell	4

Note:

Check the power rating of equipments, instruments or appliances from the manufacturers fitted on the backside of the equipment.

Collect the usage time and pattern from the respective persons.

Take the average time of usage over a period of one month or 6 month period

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 10/07/2021
 VC/PRINCIPAL
 GOVT.COLLEGE, LAWAN
 Distt. Baloda Bazar-Bhatapara (C.G.)

sheet for a location / building
 Name : GOVERNMENT COLLEGE LAWAN
 Location name: LAWAN
 Date and time of data collection

S.No	Tap no./ name*	Type of the tap (Plastic /brass etc.)	Condition (poor/ moderate/ good)	Average number of people using per day	Average time per head per day	Average amount of water releasing per minut	Leaking or not	If leaking average amount of water loss per minute
1	Kitchen tap	1 plastic	Moderate	18	18*2	2lit.	Leaking	125 ml
2	Wash basin tap	11 brass	Moderate	600	600*2	1.lit	not leaking	0
3	Toilet tap 1	28 plastic 26 brass	Moderate	600	600*2	250 ml	5 leaking	125 ml
4	Toilet flush	8	Moderate	150	150*1	250 ml	2 leak	125 ml
5	Shower	0	0	0	0	0	0	0
6	Health faucet	6	Moderate	50	50*1	200ml	0	0
7	Other							

Auditor

(Signature)
S.K. Patel

(Signature)
16.07.2021
 VC PRINCIPAL
 GOVT.COLLEGE, LAWAN
 Distt. Baloda Bazar-Bhatapara (C.G.)

GOVERNMENT COLLEGE LAWAN

ELECTRICAL APPLIANCES - STATUS REPORT

S.NO.	ROOM NO.	TUBELIGHT			FAN			EXHAUST FAN			LED BULB			LED TUBELIGHT		
		OK	DAMAGE	TOTAL	OK	DAMAGE	TOTAL	OK	DAMAGE	TOTAL	OK	DAMAGE	TOTAL	OK	DAMAGE	TOTAL
1	1	5	1	6	3	1	4				2	0	2	1	0	1
2	4	1	2	3	2	0	2									
3	5	3	3	6	3	1	4				1	0	1			
4	6	3	3	6	4	0	4									
5	7	1	1	2	1	1	2									
6	8	1	1	2	1	1	2									
7	9	3	3	6	3	1	4									
8	10	5	0	5	4	0	4				1	0	1			
9	13-14	7	2	9	6	4	10									
10	15	4	1	5	2	2	4	1		1	3	0	3			
11	16	5	1	6	3	1	4									
12	17	4	2	6	3	1	4									
13	18	3	3	6	2	2	4				1	0	1			
14	19	4	2	6	4	0	4									
15	20	0	2	2	0	2	2									
16	21	0	2	2	1	1	2									
17	22	2	4	6	1	3	4									
18	23	0	6	6	3	1	4									
19	GIRLS TOILET	0	2	2	0	2	2	1	1	2		2	2			
20	BOYS TOILET	0	2	2	0	2	2		2	2		2	2			
21	24	4	2	6	1	3	4									
22	HALL (OUT)	1	0	1	0	0	0									
23	11	1	1	2	1	0	1									
24	12	1	2	3	2	0	2				1	0	1			
25	MAIN GATE	2	1	3	0	0	0									
26	NSS ROOM	3	0	3	2	0	2							3	0	3
27	OFFICE ROOM	6	0	6	4	2	6									
28	PRINCIPAL ROOM	4	1	5	2	0	2	1	1	2	1	0	1			
29	GEO. LAB	1	1	2	1	0	1									
30	CHEM. LAB	8	1	9	6	0	6	2	0	2						
31	STAIR CASE	1	0	1	0	0	0									
32	CORRIDORS G.FLOOR	10	6	16	0	0	0									
33	CORRIDORS I FLOOR	6	10	16	0	0	0									

S.K. Patel