Udali College,Bamungaon

Policy for Green Campus Initiatives

Introduction: A Green Campus is a place where environmental friendly practices and education combine to promote sustainable and co-friendly practices in the campus. The Green Campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind.

Since 1995 Udali College has been adopting sustainable initiatives for making the College Campus green and clean. The college had sustainable initiatives at a core all activities.1569.66 sq. mts of 5.99 acres of land has been build up. The rest of the Campus can be categorised as playground, lawns, pond and gardens. A huge are left in its natural form and acts as an natural habitat for biodiversity and large variety of species of grasses, herbs, shrubs and trees.

Scope of the Green Policy:

The Green Campus, Energy and Environment policies will develop exciting new co-curricular and extracurricular practices that encourage he students to take the lead in creating positive change. These initiative call for a through review of all infrastructural, administrative functions from the stand points of energy efficiency, sustainability and environment.

The focus area of the policy:

- Clean Campus Initiatives.
- Landscaping Initiatives.
- Clean air Initiatives.
- Smoking Free Campus.
- Infrastructure.
- Installation of Energy Efficiency Equipments.
- Water Conservation through Rain Water Harvesting System.
- Waste Management Processes.
  → Solid Waste Management.

  →Liquid Waste Management

  →E-Waste Management
- Awareness Initiatives.

- Environment Centric Student Societies and Department Activities.
- Green Audit.
- Energy Audit.
- Plastic Free Campus.



Objectives:

- To protect and conserve ecological system and resources within the College Campus.
- To ensure proper use of environmental resources to meet the needs and aspirations parents and future generation.
- To establish and implement Environment Management in various departments.
- Continuous assessment for betterment in performance in Green.
- To setup goal, vision, mission for green practices in College Campus.
- To continuously improve the efficient use of all resources,including energy and wastes,and to reduce consumption and tha amount of waste produced , recovering and recycling waste where possible.
- To make the campus Tobacco free.
- To make the campus plastic free.

Policy:

Clean campus initiatives: Udali College is pledged to co-ordinate cleanliness activities in the College and beyond the campus inaccordance with the vision of swachh Bharat Abhiyan. The College commits to continue with programme. The broad vision is as follows-

1) Conducting mass awareness on cleanliness and hygine amongst students and staff members by holding regular cleanliness drives,
2) Activities under SBA will be a key component of all the community work being done by NSS of the College.
3) Students will be encouraged to participate in the cleanliness drives in the College campus.
4) Remove all kinds of waste materials like broken furniture ,unusable equipment's etc.
5) Encourage students on reduce re-using and recycling waste.

Landscape Initiatives:

Udali College was established in 1995 to impart higher education in a rural area in the South -Eastern corner of Nagaon district .The College campus landscape,like its buildings,can be such as the physicall embodiment of College's values.It is vital part of the campus ,providing space for study ,play, outdoor events ,relaxation,Green campus landscapes also manage runoff,help research groundwater,clean and cool the air on campus.As campus landscape are so visible and accessible ,landscaping initiatives are great way to build awareness around the environment.The college commits to enriching this healthy habits and maintaining the symbiotic relation of college with nature by

- Organising annual tree plantation drives.
- Encouraging students to hold tree planting events.

Clean Air Initiatives:

The College encourage the students and staff to use publice transportation instead of private one to control air pollution.As the college is in a industrial prone area ,the college family encourage the student and the local community for plantation of tree .

Smoking Free Campus:

Following the framework provided by the National Tobacco Control Programme(NTCP) 2007-08,Udali College prohibits smoking and the use of other tobacco products.The Anti-Smoking committee of the college ensures enforcement of the smoking policy.

Infrastructural Initiatives:

Renewable sources of Energy: Udali College determined to minimize and sustainability manage its use of electricity. The College believes in reducing the consumption of electricity produce by non-renewable resources by switching to clean energy sources like solar energy for purposes like lighting the campus.

Energy Saving and Energy Efficient Equipment:

The College commits to install environment-friendly electrical appliances that save energy and reduce wasteful inefficiencies. The College uses LED lights to reduce the consumption of energy.

Rain Water Harvesting:

Water scarcity is a serious problem throughout the world for both urban and rural community. Urbanization industrial development and increased agricultural field and production has result in over exploitation of ground water and surface water resources resulted deterioration in water quality. It is mention here that the college is a dry area (less raining) in Assam, the conventional water sources namely well, ponds etc. are inadequate a new water source. In our College campus a rain water harvesting system is made. The runoff water from the roof and terrace of the college building is channelized in to a recharge ponds and tank located near Eastern and Northern end of the college block.

Waste Management Processes:

Udali College strives to have a minimal impact on environment and is directed to reduce and manage the waste generated by the college campus.

Solid Waste Management

The college manages solid waste through the following methods-

- Systematically engage with 3R's of environment friendliness(Reduce,reuse,recycle)
- Collect paper waste product on campus.
- Take initiatives to spread awareness amongst the students about food wastage and ways of minimizing it, minimizing the use of packaged food ,the habit of reusing and recycling non-biodegradable products.

Liquid Waste Management

- Maintains leak proof fixtures .
- Minimize the use of water by constructing Indian Style Toilet instead of western style of toilet.

E-Waste Management

Udali College ensures that use of technology and generation of E-Waste does not impact the environment.For this purpose the college plans :

- To more provisions for disposal of institutional E-Waste.
- Minor deffective instruments were get prepared for reuse and major deffectives were sold to the waste collector.

Conduct Green Audit: The college determined to conduct a Green Audit of the college campus regularly to assess the strengths and weakness to further our goals of long term sustainability. Green Audit is a usual tool to determined how and where most energy or water or resources are being used .The college can then consider how to implement changes and make savings. It can determined the type and volume of waste .Recycling project of waste minimization plans can be adopted. It will generate health consciousness and promote environmental values and ethics. It provides a better understanding of the impact of eco-friendly practices on the college campus. It is positive that the college evaluate its own contribution towards a sustainable future.

Conduct Energy Audit: Udali College conducts Energy Audit regularly when required to further reduce its carbon footprint . The importance of reducing energy consumption can not be over stated . The Energy Audit, with specialized tools will identify wastage of energy. Such an inspection often reveals several different flaws which cause a loss of significant amount of energy which the college will not be able to detect. This flaws often have easy and affordable solutions and provide significant savings.

Plastic Free Campus: Udali College has been observing most of its duties in term of solid waste management since 2017.In response of the Government of India's resolution to ban all single use plastics due to the hazardous impact of plastics use and pollution, The college administration strictly bans the use of single use plastics in its premise to make the campus " Plastic Free Campus".

Dr.Arun Borah

Principal

Udali College, Bamungaon

Principal
Udali College,
Bamungaon

M/S BISWAKARMA ELECTRICALS

Govt. Regd. Electrical Contractor & Supplier

Nagaon Road, Lanka, Hojai (Assam) 9435168727

Prop: Sri Bimal Ch. Das, Email : biswakarma.info@gmail.com

GSTIN:- 18AGVPD2620E1ZK

Specialist in: Wiring Installation, Motor Generator & Electric Pumpset repairing, Panel board construction. Electrical Project Drawing, Estimating & Erection of H.T & L.T Lines & Sub-Station

Date :- 07/09/2023

To,

The Principal

Udali College, Bamungaon

Nagaon, Assam

Sub :- Submission of Energy Audit Report.

Dear Sir,

As per your prayer, the energy audit of Udali College, Bamungaon was conducted in the month of 1st of September 2023 to collect data and instantaneous measurement. During the inspection, the College's major mechanical equipment, Fan, Tube Lights, LED lights, Computers, Xerox Machines, Punching Machine, Projectors, Power Generator and all electric devices were evaluated. We also conducted several diagnostic tests on the college to help us quantify the energy efficiency of the institution. After collecting the required data and analyzing those data, Energy Audit Report has been prepared which includes our finding and necessary recommendation to explore energy conservation opportunities. The energy consumption is costing approximately Rs. 30,000.00 (Thirty Thousand Only) per year. The report also facilitated to improve opportunities that will lower energy consumption of the college.

The Report has been attached along with this letter for your consideration. We hope that this activity reduce the overall energy consumption of the College campus and improve the energy efficiency.

Thanking You

M/S BISWAKARMA ELECTRICALS

Lanka, Nagaon Road, Near 2 No Railway Gate

Lanka, Hojai, Assam

M/S BISWAKARMA ELECTRICALS

Govt. Regd. Electrical Contractor & Supplier

Nagaon Road, Lanka, Hojai (Assam) 9435168727

Prop: Sri Bimal Ch. Das, Email : biswakarma.info@gmail.com

GSTIN:- 18AGVPD2620E1ZK

Specialist in: Wiring Installation, Motor Generator & Electric Pumpset repairing, Panel board construction. Electrical Project Drawing, Estimating & Erection of H.T & L.T Lines & Sub-Station

Date :- 07/09/2023

ENERGY AUDIT REPORT

UDALI COLLEGE, BAMUNGAON, NAGAON, ASSAM

We are grateful to be a part of the preparation of Energy Audit Report of Udali College, Bamungaon, Nagaon, Assam for the year 2020-21 (from 1st July 2020 to 30th June 2021). as a part of audit methodology, we have visited Udali College, Bamungaon, Nagaon Assam Campus on 01st September 2023 to collect data and to take some instantaneous measurement, we have studies the present energy consumption pattern, assessed the actual operating load, illumination study and energy conservation in lighting system. The summary of the Report is as follows:

1. The average monthly energy consumption of the college campus is 116.75 units.
2. Annual bill is Rs. 14958/-
3. Average unit rate is Rs. 10.68/- (Grid Power)
4. In all, one solar street light is installed inside the campus. Installation of a solar plant is suggested.
5. Only five star rating air conditioner should be used.
6. Remaining twenty percent of the tube light used should be replaced by LED lights.
7. Energy monitoring and maintenance mechanism including DG set performance should be further streamlined, The operational stuff for efficient use of electricity and safety precaution.

We, hope that this activity will improve the energy efficiency and reduce the overall energy consumption of the college campus.

College representative
Mr. Mustak Hussain
Assistant Professor
Department of Political Science
Udali College, Bamungaon
Nagaon

Submitted by:

07/09/2023

M/S BISWAKARMA ELECTRICALS
Lanka, Nagaon Road, Near 2 No. Rly Gate
Lanka : Hojai : Assam

UDALI COLLEGE,BAMUNGAON,

NAGAON:ASSAM

Estd:1995



ENERGY AUDIT REPORT

UDALI COLLEGE,BAMUNGAON,NAGAON,ASSAM-782446

Email:udalicollege123@gmail.com

www.udalicollege.co.in

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1. Background:

Energy is one of the most important inputs for the overall economic development of any country. In the case of the developing countries, the energy sector assumes a critical importance in view of the ever increasing energy needs requiring huge investments to meet them. In Indian context also it plays a crucial role in almost all major sectors of the economy including agriculture, industry, transport, commercial, residential (domestic) and educational institutions. As a result the consumption or use of energy in different forms has been steadily rising all over the country, which has shown a steady growth rate in the past few years. This has led to the sudden increase in the dependence of the state on fossil fuels and electricity. The Government of India enacted the Energy Conservation Act, 2001 in October 2001. The Energy Conservation Act, 2001 became effective from 1st March, 2002. The Act provides for institutionalizing and strengthening delivery mechanism for energy efficiency programs in the country and provides a framework for the much-needed coordination between various Government entities.

Udali College, Bamungaon, is an educational institution in Nagaon district of Assam taking oath of reducing energy intensity in the College Campus by conducting Energy Audit. An assessment of energy consumption, energy sources used, energy management,lighting devices used and other appliances used by the college campus community is an important aspect of sustainability of the community. Hence this is a relevant aspect of the assessment. The audit team assessed the number of electrical appliances and their respective uses in terms of consumption of energy per month in KWh. This indicates the energy management of the campus. Based on the assessment we made suggestions and recommendations.

2. Objectives of Audit:

The overall objectives of the report is to quantify energy saving in existing system and achieve reduction in energy consumption pattern. The objectives of the Audit are as follows:

* To carry out the rate energy consumption.

* To evaluate the performance of the equipment .

* To find out the energy saving opportunities.

* To quantify the total energy savings.

* To find out the ways to achieve energy efficiency.

3.Scope of the Work:

a. Review the existing energy consumption capacity of the college campus.

b. Assessment of electrical load base on electrical fittings.

c. Review the DG set operation along with the consumption details.

4. Methodology Adopted for Conducting the Audit:

a. Interview with Key Facility Personnel

During the preliminary audit, a meeting is organized between the auditor and key operating personnel to start the assignment. The agenda of the meeting focuses on audit objectives and scope of work, facility rules and regulations, roles and responsibilities of project team members and description of scheduled project activities.

b. Facility Tour

After the completion of the initial meeting, a tour of the facility is arranged to observe the various operations, focusing on the major energy consuming systems of the college campus identified during the interview which includes lighting and power, mechanical energy systems.

c. Document Review

During the initial visit by the facility representatives, the available documentation are

reviewed which includes all facility operation and maintenance procedures and logs-sheets/ registers for the previous years, bills etc.

d. Facility Inspection

After a thorough review of the operating documentation of the institution, the major energy consuming processes in the facility are further investigated by the representatives.

e. Utility Analysis

The utility analysis is a detailed review for the previous months. Data reviewed includes energy usage and energy consumption pattern.

f. Identify/Evaluate Feasible ECMs

Based upon a final review of all information and data gathered about the facility, and based on the measurements final energy conservation measures are developed.

g. Prepare a Report Summarizing Audit Findings

The results and the findings and recommendations are summarized in this report. The report includes a description of the facilities and their operation and a discussion of all major energy consuming systems.

5. Building Description:

The following Tables show the basic information about the building and the utilities of Udali College, Bamungaon, Nagaon.

Table-1

Sl.No	Basic Building Data	Value
1	Connected Load	3 KW
2	Contract Demand	5 KVA
3	Installed Capacity of DG Set	20 KVA
4	Annual Electricity Consumption(from 1st July/2020 to 30th June/2021	1401 Units
5	Annual cost of electricity consumption	Rs. 14958.00
6	Total area covered with electricity	Entire Campus
7	Working hours	9 hours(8.30A.M to 5.30 P.M)
8	Working Days	6 Days
9	Whether Sub-metering of electricity consumption for each building	No

M/S BISWANARAYAN SHARMA ELECTRICALS
Lanka, Nagaon Road, Near 2 No. Rly Gate
Lanka : Hojai : Assam

Table-2

Electricity Bills for the Academic Year 2020-21

Sl.No	Month	Year	Consumption(kWh)	Amount(Rs)
1	July	2020	625	4668.00
2	August	2020	88	1101.00
3	September	2020	129	1304.00
4	October	2020	102	1160.00
5	November	2020	73	933.00
6	December	2020	24	639.00
7	January	2021	81	1024.00
8	February	2021	61	824.00
9	March	2021	118	1258.00
10	April	2021	64	864.00
11	May	2021	18	594.00
12	June	2021	18	589.00

N.B: it is observed that the Electricity Bill of the audited period could not be justified properly as it were under Lock Down for COVID-19 Pandemic. The monthly bill may increase after Lock Down period.

M/S BISWA[illegible] ELECTRICALS
Lanka, Nagaon Road, Near 2 No. Rly Gate
Lanka : Hojai : Assam

Table-3

The following Electric/Electronic devices are found in the college for the year 2020-21

Year	Sl.No	Name of Electric Device	Nos	Remarks
2021	1	Tube lights	10	
	2	LED Lights	42	
	3	Celling Fans	51	
	4	Stand Fans	01	
	5	Water purifier	01	
	6	Inverter	02	
	7	Punching Machine	01	
	8	Computer	08	
	9	Aqua guard Filter	01	
	10	Water Pump(Electric Motor)	01	
	11	Projector	01	
	12	Power Generator 20 Kilowatt	01	
	13	CC Camera	08	
	14	Broad Band	01	
	15	Xerox Machine	01	
	16	Printer	03	

M/S BISWAKARMA ELECTRICALS
Lanka, Nagaon Road, Near 2 No. Rly Gate
Lanka : Hojai : Assam

Observation on Electricity Bill Analysis

1. The average monthly energy consumption of the college campus is 1401 units.

2. Annual bill is Rs. 14958/-

3. Average unite rate is Rs. 10.68/-

6. Diesel Generator (DG) Set

Review of present Diesel Generator (DG) Set:

There is one (1) no of DG set with capacity of 20 KVA, which is used to provide backup power during load shading hours.

Table-4

Make	*KIRLOSKAR*
Model	*2R1040G1*
Rated kVA	*20 kVA*
Rated kW	*16*
Voltage	*230 V*
Frequency	*50 Hz*
Phase	*1 Phase*
RPM	*1500*
HP	*70*
pf	*0.8*

M/S BISWAKARMA ELECTRICALS
Lanka, Nagaon Road, Near 2 No. Rly Gate

Figure-1

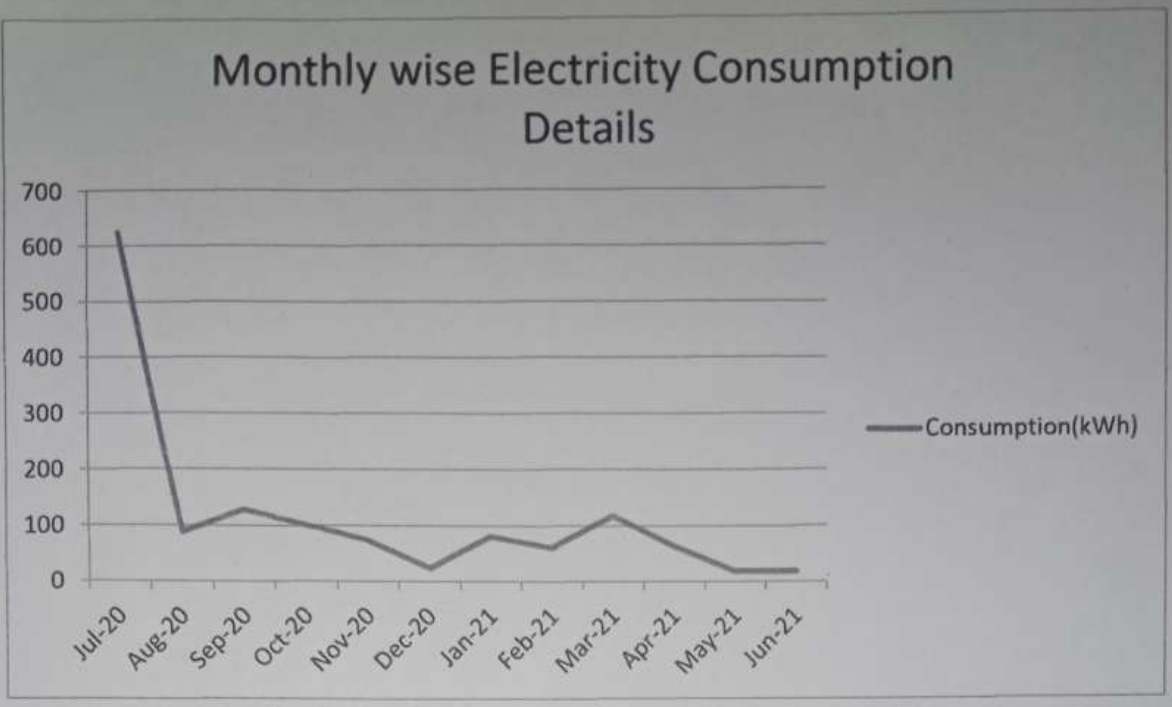
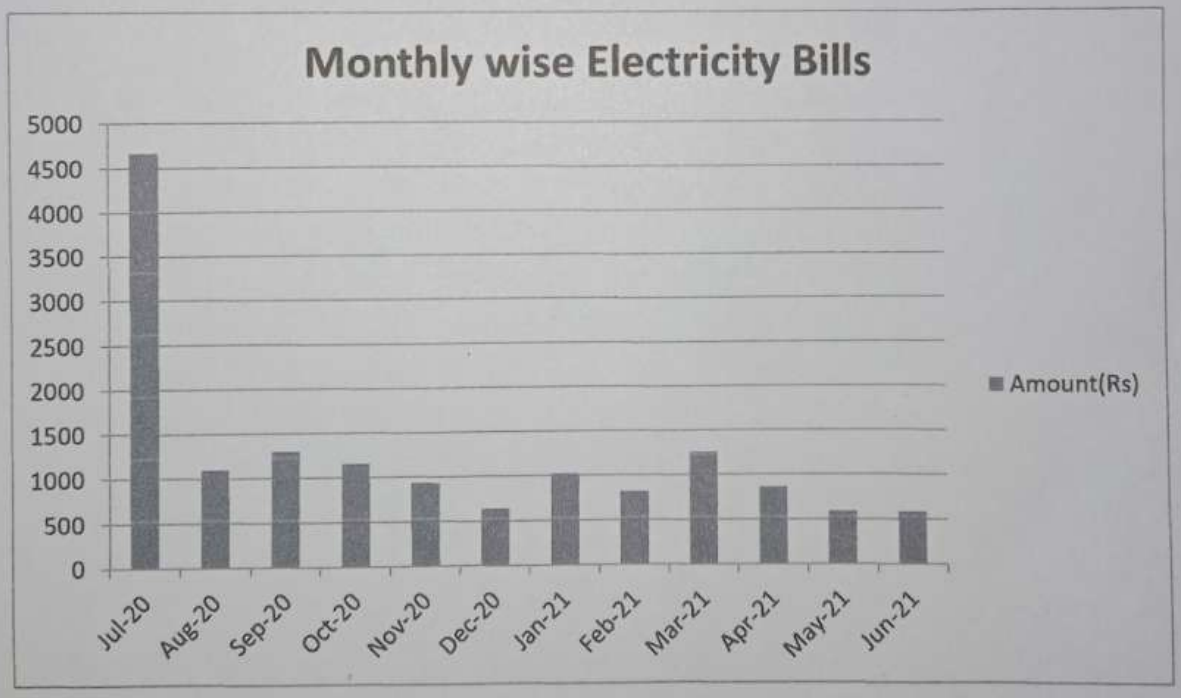


Figure-2



M/S BISWAJIT SARMA ELECTRICALS
Lanka, Nagaon Road, Near 2 No. Rly Gate
Lanka : Hojai : Assam

5. Presently there is no personal transformer for college. It is recommended to install an extra transformer of at least 63 kva for the college campus.

6. Open lid found in main panel box and need to be closed.

7. Earthing should be taken through the panel instead of wall connection.

8. Rusted wiring found in some places which needs to be replaced.

9. No solar LED Street lights were seen in the carpus. Required solar energy to minimize electricity bill.

10. Load unbalancing found during field visit in electrical distribution system of campus area and hence load needs to be balanced.

11. Distribution panel boxes need to be cleaned.

For the safety purpose, fire extinguisher was not seen in the campus area hence new fire extinguishers need be made available for every floor of the college buildings.

****

M/S BISWAKARMA ELECTRICALS
Lanka, Nagaon Road, Near 2 No. Rly Gate
Lanka : Hojai : Assam

APDCL Revenue Bill

* Designed & developed by APDCL IT team *

Sub-Division: = LANKA (121)
DTR No: = 942
Consumer Number: = 121000052417

UDALI COLLEGE
BAMUN GAON (NEAR COLLEGE LEFT)

Bill Number: = 176349-121-1337
07/08/2023-14:35:54-37.9
Bill Period: From 02/07/2023 to 01/08/2023
Bill Date: = 07/08/2023
Bill Type: = Normal Bill
Total days: = 31
Due Date: = 22/08/2023

Category: = LT GENERAL (GEN)
SE (Others)
Meter No: = AS-884694
Connection: = 1 phase
MF: = 1
Connected load: = 1 kW
Current Reading:
Previous Reading: = [illegible]
Units Consumed: = [illegible]
Power Factor: = 85
PF Penalty/Rebate: = 0.0
Units Billed: = 286.0

BILL

Sl	Unit	Rate	Charge
1	286.0 X	6.95	= 1987.7
2	0.0 X	0.0	= 0.0
3	0.0 X	0.0	= 0.0

Energy amount: = 1987.7
Fixed Charge: = 504.49
Total Govt Subsidy: = -0.0

Payable Energy Charge: = 1987.7
Payable Fixed Charge: = 504.49
Meter Rent: = 0.0
Electricity Duty: = 124.61
FPPPA: = 200.2
Current Surcharge: = 0.0

Current Demand: = 2817.0

Principal Arrear: = 0.0
O/S Surcharge: = 0.0

Total Arrear: = 0.0
Misc payable: = 0.0
Adjustment = 0.0

Net Bill: = 2817

Out-station collection date: = NA
Out-station collection centre name: = NA

IMPORTANT INFORMATION

You are requested to kindly use the number 12100 0052417 for making on payment.

** THANK YOU **

Notice

Under section 56(1) of IE Act 2003, power supply to your premises will be disconnected at any t... due to non payment of ...

UDALI COLLEGE BAMUNGAON

উদালী মহাবিদ্যালয়,বামুণগাওঁ

Bamungaon,Lanka,Nagaon (Assam)

বামুণগাওঁ,লংকা,নগাওঁ (অসম)



Tube Light



LED Light



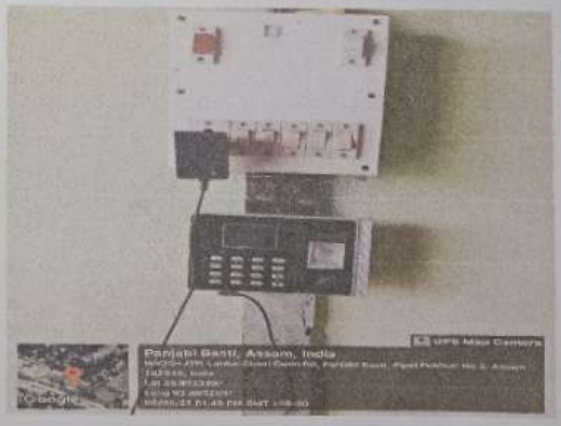
Ceiling Fan



Stand Fan



Inverter



Punching Machine

M/S BISWAKA... ELECTRICALS
Lanka, Nagaon Road, Near 2 No. Rly Gate
Lanka : Hojai : Assam

UDALI COLLEGE BAMUNGAON

উদালী মহাবিদ্যালয়,বামুণগাওঁ

Bamungaon,Lanka,Nagaon (Assam)

বামুণগাওঁ,লংকা,নগাওঁ (অসম)



Computer



Aqua Guard Filter



Water Pump



Projector



PowerGenerator20Kilo watt



CC TV Monitor

M/S BISWANARAYAN SARMA ELECTRICALS
Lanka, Nagaon Road, Near 2 No. Rly Gate
Lanka : Hojai : Assam

UDALI COLLEGE BAMUNGAON

উদালী মহাবিদ্যালয়,বামুণগাওঁ

Bamungaon,Lanka,Nagaon (Assam)

বামুণগাওঁ,লংকা,নগাওঁ (অসম)



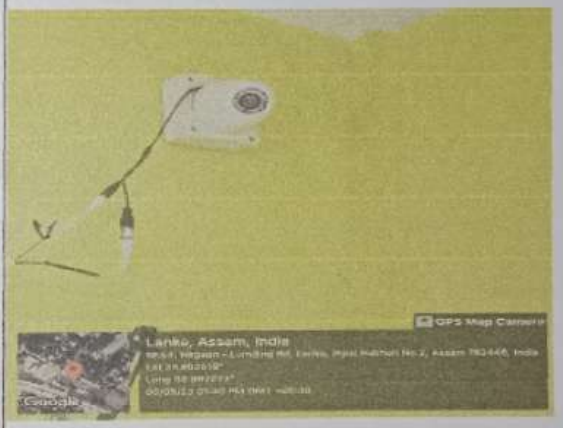
Broadband



Xerox Machine



Printer



CC Camera

M/S BISWA[illegible]A ELECTRICALS
Lanka, Nagaon Road, Near 2 No. Rly Gate
Lanka : Nagaon : Assam

UDALI COLLEGE BAMUNGAON

উদালী মহাবিদ্যালয়,বামুণগাওঁ

Bamungaon,Lanka,Nagaon (Assam)

বামুণগাওঁ,লংকা,নগাওঁ (অসম)

ESTD:1995

Ref.No.UC/Pr/24/95-23/213 Date:28/08/2023

To

The Divisional Forest Officer

Hojai,Assam

Sub: Application for conducting of **Green Audit** of Udali College campus.

Sir,

With reference to the subject cited above, I am going to request you to provide an expert for conducting **Green Audit** of Udali College campus.

It is for your kind consideration and necessary disposal.

Thanking You

Dr.Arun Borah

Principal

Udali College,Bamugaon

Principal
Udali College

Government of Assam
Department of Environment & Forest
Office of the Divisional Forest Officer, Nagaon South Division, Hojai

E-mail ID: dfo.t.nagansouth@gmail.com

Letter No. FNST/B/Seedling /2023/ 5157 Dated: 7/9/2023

To

The Principal Udali College,
P.O:-1 No. Pipalpukhuri,
Dist:-Nagaon, Pin:-782446.

Sub:- Regarding Green & Environment Audit in Udali college campus.

Ref:- Your letter No. UC/G/24/95/23/213, dt.28-08-2023.

Sir,

With reference to your letter no. cited above, I would like to inform you that as per your request, the office of the undersigned, the Range Officer, Lanka Range, Lanka conducted Green & Environment audit in your college. In this connection, the report submitted by Range Officer, Lanka Range, Lanka is satisfactory.

This is for favour of your kind information.

Yours faithfully

Divisional Forest Officer
Nagaon South Division, Hojai
07/09/2023

Government of Assam
E-mail ID: dfo.t.nagaonsouth@gmail.com
Department of Environment & Forest
Office of the Divisional Forest Officer::Nagaon South Division::Hojai::

Green Campus Recongition Certificate

This is certify that Udali College, Bamungaon, has been continuously conducting plantation programs since the date of its establishment. The college has contributed a lot to make the environment green and a pollution free one in the entire locality through the image of a Green Campus of the college, Moreover, it is very satisfactory that the college has an area of about 5.99 acre of land in front of the college planted about 137 nos., plants of the species like Neem, Teak, Amora, Bogori, Gamari, Arjun and other valuable medicinal plants (as per the field verification report by Range Officer, Lanka Range, Lanka.

Divisional Forest Officer
Nagaon South Division, Hojai
07/09/2023

GOVERNMENT OF ASSAM
OFFICE OF THE RANGE FOREST OFFICER ::: LANKA RANGE ::: LANKA

Letter No. LK/17/Misc/2023/609 Dt. 06.09.2023.

To

The Divisional Forest Officer
Nagaon South Division, Hojai

Sub: Regarding submission of survey report (Green Audit) of the plantation area in Udali College, Bamungaon.

Ref: Your Office Order No. 121 dt 29/8/2023

Sir;

With reference to the subject cited above, I have the honour to inform you that a team of Lanka Range HQ led by Ms. Milee Bathari, Fr-I attached to Lanka Rage HQ conducted the detailed survey (Green Audit) of the plantation area of Udali College, Bamungaon as directed by you on the dated 5th September 2023 in presence of the Principal and his colleagues. I am submitting herewith the report for your kind perusal.

This is for favour of your kind information and further necessary course of action.

Enclosed: 1. Survey Report with photographs
2. Office Order copy

Yours' faithfully

FOREST RANGE OFFICER
Lanka Range, Lanka

UDALI COLLEGE BAMUNGAON

উদালী মহাবিদ্যালয়,বামুণগাওঁ

Bamungaon,Lanka,Nagaon (Assam)

বামুণগাওঁ,লংকা,নগাওঁ (অসম)

ESTD:1995

Ref.No..... *Date:.....*

There are various kinds of trees planted at the campus of Udali college,Bamungaon

The list of trees are as follows

Sl	Local Name	Scientific Name	Number
1	Bakul	Mimusops Elengi Linn	08
2	Neem	Azadirachta Indica	15
3	Debdaro	Monoon Longifolium	03
4	Aparajita	Clitoria Ternatea Linn	05
5	Patbahar	Codiaeum Variegatum	04
6	Jobaphol	Hibiscus Rosa-Sinensis	03
7	Marigold	Tagetes	10
8	Nayantara	Catharanthus Roseus	06
9	Botalbrash	Callistemon	01
10	Arjun	Terminalia Arjuna	02
11	Kamini Kushum	Murrya Paniculata	01
12	Amora	Spondius Mangifera	02
13	Bogori	Ziziphus Mauritiana Lam	03
14	Krishnachora	Delonix Regia	15
15	Debdaro	Polyalthia Longifolia	05
16	Gamari	Gmelina Arborea	07
17	Segun	Tectona Grandis	08
18	Papya	Carica Papaya	07
19	Chajina	Moringa oleifera	03
20	Forish	Pithecellobiun pallens Arid	15
21	Aam	Manngifera indica	05
22	Agar	Aquilaria malaccensis Lam	03
23	Kothal	Artocarpus heterophyllus	04
24	Amlokhi	Phyllanthus emblica	02
25	Narical	Cocos nucifera	03
26	Koroi	Albizia procera	02

Principal
Udali College,
Bamungaon

Detail survey report of plantation area of Udali College campus, Bamungaon covered for Green Green Audit:

Date of Survey: 05/09/2023

A. Timber species:

Sl. No	Name of Species		Tree No.	Appx. height based on ocular estimation (In mtr)	Girth at breast height (In Cm)
	Local Name	Scientific name			
1	Segun	*Tectona grandis*	1	9 Mtr	72 cm
			2	11 Mtr	86 cm
			3	7 Mtr	63 cm
			4	13 Mtr	84 cm
			5	10 Mtr	71 cm
			6	9 Mtr	62 cm
			7	6 Mtr	49 cm
			8	11 Mtr	68 cm
2	Gamari	*Gmelina arborea*	1	14 mtr	91 cm
			2	11 Mtr	83 cm
			3	9 Mtr	74 cm
			4	7 Mtr	61 cm
			5	12 Mtr	42 cm
			6	9 Mtr	53 cm
			7	7 Mtr	48 cm
3	Forish	*Pithecellobiun pallens arid*	1	13 Mtr	71 cm
			2	11 Mtr	64 cm
			3	14 Mtr	83 cm
			4	16 Mtr	91 cm
			5	9 Mtr	48 cm
			6	11 Mtr	44 cm
			7	10 Mtr	43 cm
			8	9 Mtr	40 cm
			9	10 Mtr	42 cm
			10	9 Mtr	38 cm
			11	11 Mtr	66 cm
			12	13 Mtr	76 cm
			13	8 Mtr	52 cm
			14	7 Mtr	40 cm
			15	12 Mtr	64 cm
4	Koroi	*Albizia procera*	1	9 Mtr	65 cm
			2	8 Mtr	43 cm

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Lanka Range, Lanka

B. Medicinal Plants:

Sl. No	Name of Species		Tree No.	Appx. height based on ocular estimation (In mtr)	Girth at breast height (In Cm)
	Local Name	Scientific name			
1	Neem	*Azadirachta indica*	1	12 Mtr	65 cm
			2	11 Mtr	54 cm
			3	10 Mtr	50 cm
			4	7 Mtr	46 cm
			5	9 Mtr	44 cm
			6	10 Mtr	54 cm
			7	Below three meter	NA
			8	Below three meter	NA
			9	Below three meter	NA
			10	Below three meter	NA
			11	Below three meter	NA
			12	Below three meter	NA
			13	Below three meter	NA
			14	Below three meter	NA
			15	Below three meter	NA
2	Arjun	*Terminalia arjuna*	1	17 Mtr	109 cm
			2	10 Mtr	68 cm
3	Amora	*Spondius mangifera*	1	6 Mtr	36 cm
			2	Below three meter	NA
4	Chojina	*Moringa oleifera*	1	7 Mtr	40 cm
			2	Below three meter	NA
			3	Below three meter	NA
5	Amlakhi	*Phyllanthus emblica*	1	Below three meter	NA
			2	Below three meter	NA

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C. Fruit Bearing Species:

Sl. No	Name of Species		Tree No.	Appx. height based on ocular estimation (In mtr)	Girth at breast height (In Cm)
	Local Name	Scientific name			
1	Bogori	*Ziziphus mouritiana lam*	1	6 Mtr	43 cm
			2	Below three meter	NA
			3	Below three meter	NA
2	Papaya	*Carica papaya*	1	NA	NA
			2	NA	NA
			3	NA	NA
			4	NA	NA
			5	NA	NA
			6	NA	NA
			7	NA	NA
3	Aam	*Mangifera indica*	1	Below three meter	NA
			2	Below three meter	NA
			3	Below three meter	NA
			4	Below three meter	NA
			5	Below three meter	NA
4	Kathal	*Artocarpus heterophyllus*	1	Below three meter	NA
			2	Below three meter	NA
			3	Below three meter	NA
			4	Below three meter	NA
5	Narikal	*Cocos nucifera*	1	NA	NA
			2	NA	NA
			3	NA	NA

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D. Ornamental Plants:

Sl. No	Name of Species		Tree No.	Appx. height based on ocular estimation (In mtr)	Girth at breast height (In Cm)
	Local Name	Scientific name			
1	Bakul	*Mimusops elengi linn*	1	Below three meter	NA
			2	Below three meter	NA
			3	Below three meter	NA
			4	Below three meter	NA
			5	Below three meter	NA
			6	Below three meter	NA
			7	Below three meter	NA
			8	Below three meter	NA
2	Debdaru	*Monoon longifolium*	1	Below three meter	NA
			2	Below three meter	NA
			3	Below three meter	NA
3	Botalbrash	*Callistemon*	1	11 Mtr	66 cm
4	Kamini kushum	*Murrya paniculata*	1	Below three meter	NA
5	Debdaro	*Polyalthia longofolia*	1	Below three meter	NA
			2	Below three meter	NA
			3	Below three meter	NA
			4	Below three meter	NA
			5	Below three meter	NA
6	Krishnachora	*Delonix regia*	1	Pole size (Below 6 Mtr)	NA
			2	Pole size (Below 6 Mtr)	NA
			3	Pole size (Below 6 Mtr)	NA
			4	Pole size (Below 6 Mtr)	NA
			5	Pole size (Below 6 Mtr)	NA
			6	Pole size (Below 6 Mtr)	NA
			7	Pole size (Below 6 Mtr)	NA
			8	Pole size (Below 6 Mtr)	NA
			9	Pole size (Below 6 Mtr)	NA
			10	Pole size (Below 6 Mtr)	NA
			11	Pole size (Below 6 Mtr)	NA
			12	Pole size (Below 6 Mtr)	NA
			13	Pole size (Below 6 Mtr)	NA
			14	Pole size (Below 6 Mtr)	NA
			15	Pole size (Below 6 Mtr)	NA

E. Commercial species:

Sl. No	Name of Species		Tree No.	Appx. height based on ocular estimation (In mtr)	Girth at breast height (In Cm)
	Local Name	Scientific name			
1	Agar	*Aquilaria malaccensis lam*	1	Pole size (Below 6 Mtr)	NA
			2	Pole size (Below 6 Mtr)	NA
			3	Pole size (Below 6 Mtr)	NA

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F. Flowers

Sl. No	Local name	Scientific name	No. of plants
1	Aparijita	*Clitoriaternatea linn*	05
2	Patbahar	*Codiaeum variegatum*	04
3	Jobaphul	*Hibiscua rosa-sinensis*	03
4	Marigold	*Tagetes*	10
5	Nayantara	*Catharanthus roseus*	06

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PHOTOGRAPHS TAKEN DURING THE FIELD SURVEY:





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UDALI COLLEGE BAMUNGAON

উদালী মহাবিদ্যালয়,বামুণগাওঁ

Bamungaon,Lanka,Nagaon (Assam)

বামুণগাওঁ,লংকা,নগাওঁ (অসম)

ESTD:1995

Ref.No..... *Date:.....*

7.1.3 Quality Audits on environment and energy regularly undertaken by the institution. The institutional environment and energy initiatives are confirmed by the following:

Clean and Green Campus Initiatives













Principal
Udali College,
Bamungaon













Principal
Udali College,
Bamungaon





ESTD - 1968









Principal
Udali College,
Ramungaon













Principal
Udali College,
Tamulgaon













Principal
Udali College,
Bamungaon