

कार्यालय प्राचार्य, शासकीय लाहिड़ी स्नातकोत्तर महाविद्यालय चिरमिरी, जिला—कोरिया (छ.ग.)

नैक द्वारा "C" ग्रेड प्रदत्त

Affiliated to Sant Gahira Guru University, Ambikapur Phone No. 07771-265026 Email-govtlahiricollege@gmail.com AISHE: C-9736 Website- www.govtlahiripgcollege.com

AQAR: 2021-22

7.1.6 Quality audits on environment and energy are regularly undertaken by the institution

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Principal
PRINCIPAL
Gevt. Lahiri P.Q. College
Chirhniri, Distt.- Korea (C.G.)

Energy Consultant dedicated for energy efficiency

A-403, Palm Resorts Near Bhawan's School Saddu -492001 Raipur (CG)

GREEN & ENERGY AUDIT CERTIFICATE

This is to certify that M/s Anant Purohit & Associates has conducted Energy Audit of Govt. Lahiri P.G. College, Chirimiri, Dist – Koriya (C.G.) and submitted report under their policy for Green Campus of the institute.

Name of education institute	Govt. Lahiri P.G. College, Chirimiri Dis- Koriya (C.G.)
Contact details	Website: www.govtlaharipgcollege.in
×	E-mail: govtlahiricollege@gmail.com
4	07771-265026
Name of Principal	Dr. R.K. Pandey
Details of facilities Audited	Office, All Departments, Laboratories, Classrooms, Seminar
	Halls, Library, Electrical Systems, Rain Water Harvesting
	systems etc.
Date of Audit Conducted	21 st , 22 nd & 23 rd September 2022
Name of the Certified Energy Auditor	Anant Purohit
Registration Number	EA-16538

For Anant Purohit & Associates

(Anant Purohit)

Certified Energy Auditor from Bureau of Energy Efficiency, Mistry of Power, Government of India, New Delhi – EA 16538

GREEN & ENERGY AUDIT REPORT

for

GOVT LAHIRI P. G. COLLEGE, CHIRIMIRI(2021-22)

Address : A-403, Palm Resorts, Saddu, Raipur - 492001, C.G.

ACKNOWLEDGEMENT

Anant Purohit & Associates is thankful for awarding the opportunity to conduct Energy Audit of **Govt. Lahiri P.G. College, Chirimiri Dis- Manendragarh-Chirimiri-Bhartpur (C.G.)** & for extending their valuable support & co-operation.

Anant Purohit & Associates also thankful to the official staff of **Govt. Lahiri P.G. College, Chirimiri Dis-Manendragarh-Chirimiri-Bhartpur (C.G.)** for their excellent co-operation & support during the conduct of energy audit study at the premises.

Anant Purohit & Associates

A-403, Palm Resorts Saddu, Raipur (C.G.)

Address: A-403, Palm Resorts, Saddu, Raipur – 492001, C.G.

Mobile 1 : +91 8602374011 Mobile : +91 7999190954

e-mail: anant28in@gmail.com

GENERAL DETAILS REGARDING THE ENERGY AUDIT CARRID OUT

NAME AND ADDRESS OF THE BUILDING

WORKS Govt. Lahiri P.G. College Chirmiri Building

CONTACT PERSON Mr. R K Pandey

PERIOD OF AUDIT 21st Sep 2022 to 23rd Sep 2022

CONSUMER NUMBER 1000883956, 1000883957, 1000883958,

1000883959, 1000883960, 1003966892

TOTAL POWER FROM C.E.S.C. 7966 kWh

(Last One Year)

MAXIMUM POWER CONSUMED IN ANY MONTH 1625 kWh (July 2021)

MINIMUM POWER CONSUMED IN ANY MONTH 50 kWh (Sep 2021)

THERMAL ENERGY CONSUMPTION NIL

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Energy Audit

Energy Management is a strategy of better energy conservation and preservation throughout the organizations using strategy of adjusting and optimizing energy.

Objective:

- Formulate possible plans and measures to be adopted and implemented in the college.
- Manage energy used at highest energy efficiency.
- Spot the inefficient or poor practice if any.
- Improve the energy preserving measures and methods.

Energy scenario:

- Electrical energy is supplied by Chhattisgarh State Power Distribution Company Limited.
- There are total six energy meter catering the electrical demand of government Lahiri PG College Chirmiri.

Table 1. Energy Bill Analysis:

S.N.	Service Number	SAN load in watt	Tariff Category
1.	1000883958	520	LV2ND1SG21
2.	1000883959	560	LV2ND1SG21
3.	1000883960	720	LV2ND1SG21
4.	1003966892	1832	LV1DL1SG21
5.	1000883956	420	LV2ND1SG21
6.	1000883957	680	LV2ND1SG21

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Table 2. Analysis of billings of meters of college premises:

	S.C.NO.	SAN load in watt	Average unit per	2021 -
	S.C.IVO.	month	2022	
	D NO 1000930E9	F20	46	102
	B.NO.1000883958	520	46	103
2020 –	B.NO.1000883959	560	65	87
2021	B.NO.1000883960	720	100	100
	B.NO.1003966892	1832	50	50
	B.NO.1000883956	420	274	374
	B.NO.1000883957	680	100	51

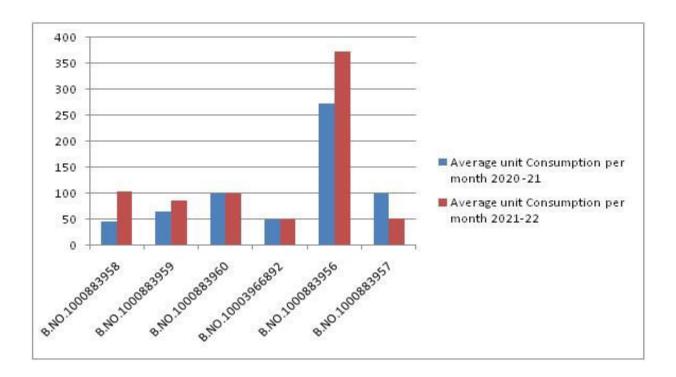


Figure 1. Graphical representation of service consumer number with average unit consumption in the year 2020-21 and 2021-22.

Table 3. Connected Load of College Premises

Segment	Electrical equipment	Wattage	Quality	Total load in
				watt
Lighting	LED TL	20	79	1580
	FTL TL	40	59	2360
	LED Bulb	18	58	1044
	LED Bulb	07	06	42
	CFL	25	14	350
	Total lighting load			5376
HVAC	Ceiling Fan	80	233	18640
	Exhaust	200	10	2000
	Cooler	300	06	1800
	Air Conditioner	1600	02	3200
	Total HVAC Load	25640		
Office	Computer	100	59	5900
Equipment	Printer	55	09	495
	Photocopy Machine	600	01	600
	Total office equipment	6995		
Others	Submersible pump	750	01	750

	Water cooler (Filter)	300	04	1200	
	Refrigerator	500	05	2500	
	CRT/Screen	150	03	450	
	Projector/Mark Board	150	08	1200	
	Others			2300	
	Total				
Total connec	46411				
Total connec	46.411				

Table 4. Total annual energy consumption

Segment	Electrical	Wattage	Quantity	Hours	No.	Diversity	Annual unit
	equipment				of	factor	Consumption
					days		
Lighting	LED TL	20	79	6	210	0.4	796
	FTL TL	40	59	6	210	0.4	1189
	LED Bulb	18	58	8	210	1	1315
	LED Bulb	07	06	8	310	1	0.336
	CFL	25	14	6	210	1	2.1
HVAC	Ceiling fan	80	233	6	210	0.3	7046
	Exhaust	200	10	6	210	0.5	1260
	Cooler	300	06	4	120	0.5	432
	Air conditioner	1600	02	6	110	0.5	1056

Office	Computer	100	59	6	210	0.1	743	
equipments	Printer	55	09	3	210	0.1	31	
	Photocopy	600	01	2	210	0.25	63	
	machine							
Others	Submersible	750	01	1/2	70	1	26	
	pump	300	04	6	210	1	1512	
	Water cooler							
	(filter)	500	01	6	310	1	930	
	Refrigerator	500	04	6	120	1	1440	
	Refrigerator	150	03	8	310	0.3	335	
	CRT/Screen	150	08	4	110	0.3	158	
	Projector/Smart board							
	Other equipment						1000	
Totnnual Ene	Totnnual Energy Consumption in KWH							

Table 5. Segment wise connected load and their percentages

Segment	Total load in kilowatt	Load in percentage
lighting	5.376	11.58
HVAC	25.64	55.25
Office equipment	6.995	15.07
Other's	8.4	18.10

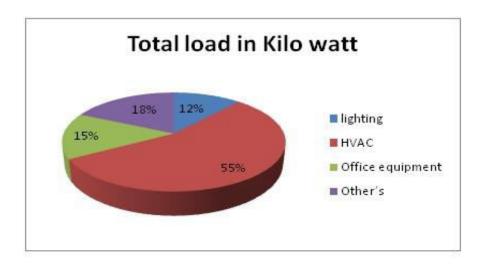


Figure 2. Segment wise connected load and their percentage.

Table 6. Segment wise annual unit consumption college premises

Segment	Annual unit consumption	Annual unit consumption
		percentage
lighting	3303	17.08
HVAC	9794	50.65
Office equipment	837	4.33
Other's	5401	27.94

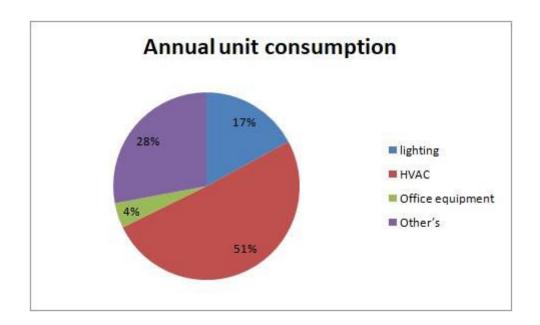


Figure 3. Graphical representation of annual unit consumption in college premises:-

- > The maximum share of connected load is HVAC i.e. -50.65%
- > 5Total electricity consumption by college premises =19335

 Table 7. Unit per month in academic year 2021-22

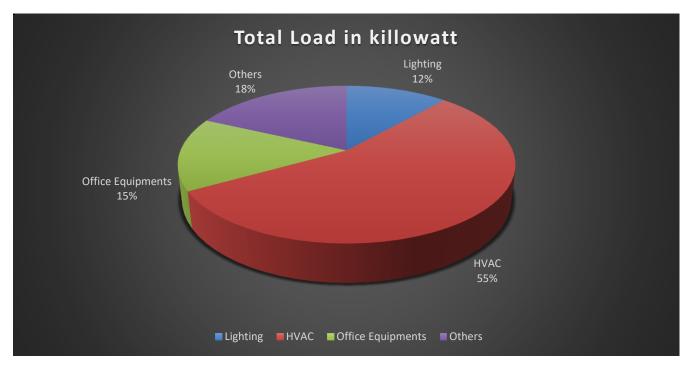
S. No.	Month			B.N	NO.		
		1000883958	1000883959	1000883960	1003966892	1000883956	1000883957
		Unit	Unit	Unit	Unit	Unit	Unit
1	Jul 2021	70	72	0	50	1340	93
2	Aug 2021	43	36	0	50	286	57
3	Sep 2021	0	0	0	50	0	0
4	Oct 2021	57	92	0	50	656	84
5	Nov 2021	59	87	0	50	320	84
6	Dec 2021	40	86	0	50	346	64
7	Jan 2022	56	88	0	50	316	69
8	Feb 2022	59	84	0	50	0	76
9	Mar 2022	55	73	0	50	416	25
10	Apr 2022	46	65	0	50	625	52
11	May 2022	51	64	0	50	512	51
12	Jun 2022	52	61	0	50	446	52

EXECUTIVE SUMMARY

GLPG College, Chirmiri has entrusted Anant Purohit & Associates, Raipur with the responsibility of conducting energy audit at their premises. Anant Purohit & Associates conducted the study at GLPG College, Chirmiri on 21 – 23 September 2022.

State Electricity (By CESC) is the main source of energy in the GLPG College, Chirmiri for operation of various installed equipment. The average energy consumption is 683.83 KWh. The energy consuming equipment's in the building are:

- Lighting System
- HVAC
- Office Equipment
- Others



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Lighting

The present energy consumption connected in the lighting system at Govt. Lahiri P.G. College Chirmiri is

5376 KWh. The major light fittings are of conventional T12 FTL, with choke.

We have worked for energy conservation in the lighting area, and selection of the option is left to the sole

discretion of Govt. Lahiri P.G. College Chirmiri.

The calculated energy saving as per the data gathered regarding the usage, after applying the recommended

measures is as below -:

Total saving 297.36 KWh (replacing all the conventional magnetic chokes with electronic ballast, as

well as the 40 W tube rods with 36 W tube rods) which translates to huge annual saving in monetary

terms. It shows that about 4.39% reduction in connected load for lighting systems.

Stand Alone Air Conditioning Units

One of the major energy consuming areas, of Govt. Lahiri P.G. College Chirmiri, are the air conditioners

(ACs) & the present energy consumption by ACs is estimated to 2112 kWh per annum. The anticipated

energy saving by replacing existing air conditioner with five star labeled air conditioners, with inverter

technology is 413 kWh per annum which translates to a saving of 20% energy per annum.

FAN

The present connected load of ceiling Fans (233 having conventional regulator) is 18640 kWh/ annum. This

have been recommended to be replaced by electronic regulators which minimize the energy losses in conventional regulators. The calculated energy saving as per the data gathered regarding the usage, after

applying the recommended measures is 4114 kWh / year which transpose to 22% reduction in load.

A-403, Palm Resorts, Saddu, Raipur – 492001, C.G.

Address Mobile 1 Mobile

+91 8602374011

e-mail

+91 7999190954

anant28in@gmail.com

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INTRODUCTION

Preamble

In order to promote energy efficiency measures in the **Govt. Lahiri P.G. College Chirmiri,** The Energy audit conducted by Anant Purohit & Associates.

Introduction to Govt Lahiri P G College, Chirmiri

The regular office timings of the are 10:30 am to 5:30 pm & works for 6 days a week. is having 6 LT connection having BP no. 1000883956, 1000883957, 1000883958, 1000883959, 1000883960, 1003966892.

Scope of Work

The scope of the energy audit survey conducted in the building included the following:

1. Primary Data Gathering & Energy Utility Program

- Historic Data collection & analysis for setting up baseline energy consumption.
- Analysis of annual energy bill & energy consumption pattern.

2. Conduct Survey & Monitoring

- Measurement of Electrical loading of main motors /pumps/ fans/ blowers/ compressors/ Refrigeration/ air-conditioning / chillers / transformers etc
- Measurement of illumination levels.

3. Analysis of Energy Use

Energy loss/ Waste analysis

4. Identification & Development of Energy Conservation (ENCON) Opportunity

- Conceive, development & refine Ideas
- Discuss analysis of Energy use & Review ideas suggested by unit personnel.
- Use brainstorming & value analysis Techniques.

5. Cost Benefit Analysis

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- Assess the technical feasibility, economic viability & prioritization of ENCON option for implementation.
- Selection of most promising project/scheme.
- Prioritization by low, medium & long-term measures.
- 6. Reporting & presentation to
- Documentation & report presentation

Energy Audit Methodology

We conducted the energy audit study in **Govt. Lahiri P.G. College Chirmiri** on 21-23 September 2022. As a part of study our team visited the premises for undertaking performance assessment of various energy consuming equipment installed in the building using sophisticated energy audit Instruments.

The following methodology was adopted for successful conduct of the Energy audit study.

- Monitoring of energy related parameters of various equipment using sophisticated & portable energy audit Instruments.
- Online measurement of operating data with various Instruments.
- Collection of details regarding electricity consumption in past, maximum demand & power factor.
- Discussion with concerned official to take note of energy conservation activities already undertaken, if any.
- Critical analysis of data collected during field visit.
- Identification of section with possible energy conservation potential & quantification of energy losses.
- Identification of suitable for reducing energy consumption.
- Preparation of financial analysis for recommended measures.

Instruments used for the Energy Audit

- 3 phase power analyzer –ALM-30– for power measurement
- Non- contact infrared thermometer (Temperature gun) for temperature measurement
- Ultra-sonic Flow meter for Liquid flow measurement
- Vane, flow anemometer, with temperature measurement, for air flow measurement
- Digital humidity Meter for Humidity measurement
- Digital Lux Meter
- Digital Tachometer

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ENERGY EFFICIENCY IN VARIOUS SYSTEMS

Lighting System

The lighting survey was carried out, throughout the building, using a Lux Meter. The majority of the area is illuminated by the use of, conventional FTL & CFL. The average lux maintained found to be either satisfactory or above satisfactory level. The details are tabulated below.

Lighting Load Inventory & Illumination Level

To determine the total lighting load, a physical count of light fixtures provided in different floors & sections of building was carried out. It was found during the survey that mainly 40 W fluorescent tubes light & 22 W compact fluorescent lamps are being used in the building.

The illumination level was also measured primarily at work planes at various rooms of the building. Care was taken to reduce the effect of day light while taking the measurements.

Based on the illumination level measurements in building, it was found that about 41.36 % of the measurement's points showed illumination levels in range of 100-200 lux & 33.33 % of locations measured were found to be less than 100 lux.

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RECOMMENDATION FOR ENERGY CONSERVATION

1. Low-Cost Recommendation

Energy Conservation Scheme for Lighting

The conventional fluorescent tube lights (FTL) form a major portion of lighting, of the building. There are total 59 numbers of T12 size FTL lights, in the entire premises. Based upon the measurements and observations, made during the study, the following are the recommendations -:

- The average maintained lux. Is found to be at satisfactory level.
- There is scope and need for further, improvement through, proper distribution of the luminary, throughout the area.
- At presently, 40 W conventional tube rods are in use, the total wattage including the choke is around 57 watts per luminary. These conventional FTL can be replaced with LED tube light, which is a costlier option, with higher returns.
- Another much simpler and less costly option is to simply, replace all the conventional magnetic chokes with electronic ballast, as well as the 40 W tube rods with 36 W tube rods.
- ➤ The total wattage per fitting would be then reduced from 57 W to 40 W, i.e., saving of 17 watts per fitting.
- The above changes can be done with ease without the need to replace the fitting. Further this replacement would lead not only to more energy efficient operation but has many added advantages, as detailed below -:

ELECTRONIC BALLAST

Role of Ballast

In an electric circuit the ballast acts as a stabilizer. Fluorescent lamp is an electric discharge lamp. The two electrodes are separated inside a tube with no apparent connection between them. When sufficient

Address : A-403, Palm Resorts, Saddu, Raipur – 492001, C.G.

Mobile 1 : +91 8602374011 Mobile : +91 7999190954

e-mail: anant28in@gmail.com

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voltage is impressed on these electrodes, electrons are driven from one electrode and attracted to the other. The current flow takes place through an atmosphere of low-pressure mercury vapour. Since the fluorescent lamps cannot produce light by direct connection to the power source, they need an ancillary circuit and device to get started and remain illuminated. The auxiliary circuit housed in a casing is known as ballast.

Conventional Vs Electronic Ballasts

The conventional ballasts make use of the kick caused by sudden physical disruption of current in an inductive circuit to produce the high voltage required for starting the lamp and then rely on reactive voltage drop in the ballast to reduce the voltage applied across the lamp.

On account of the mechanical switch (starter) and low resistance of filament when cold the uncontrolled filament current, generally tend to go beyond the limits specified by Indian standard specifications.

With high values of current and flux densities the operational losses and temperature rise are on the higher side in conventional choke. The high frequency electronic ballast overcomes the above drawbacks.

The basic functions of electronic ballast are:

- 1. To ignite the lamp
- 2. To stabilize the gas discharge
- 3. To supply the power to the lamp

The electronic ballasts make use of modern power semi-conductor devices for their operation. The circuit components form a tuned circuit to deliver power to the lamp at a high resonant frequency (in the vicinity of 25 kHz) and voltage is regulated through an in-built feedback mechanism. It is now well established that the fluorescent lamp efficiency in the kHz range is higher than those attainable at low frequencies.

At lower frequencies (50 or 60 Hz) the electron density in the lamp is proportional to the instantaneous value of the current because the ionization state in the tube is able to follow the instantaneous variations in the current. At higher frequencies (kHz range), the ionization state cannot follow the instantaneous variations of the current and hence the ionization density is approximately a constant, proportional to the RMS (Root Mean Square) value of the current. Another significant benefit resulting from this phenomenon is the absence of stroboscopic effect, thereby significantly improving the quality of light output. One of largest advantages of electronic ballast is the enormous energy savings it provides. This is achieved in two ways. The first is its amazingly low internal core loss, quite unlike old fashioned magnetic ballasts. And second is increased light output due to the excitation of the lamp phosphors with high frequency. If the period of frequency of excitation is smaller than the light retention time constant for the gas in the lamp,

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the gas will stay ionized and, therefore, produce light continuously. This phenomenon along with continued persistence of the phosphors at high frequency will improve light output from 8-12 percent. This is possible

only with high frequency electronic ballast.

INSTALLATION OF HIGH FREQUENCY (HF) ELECTRONIC BALLASTS IN PLACE OF CONVENTIONAL BALLASTS

New high frequency (28-32 kHz) electronic ballasts have the following advantages over the traditional

magnetic ballasts:

Energy savings up to 35%

Less heat dissipation, which, reduces the air conditioning load

Lights instantly

Improved power factor

Operates in low voltage load

Less in weight

Increases the life of lamp

The advantage of HF electronic ballasts, outweigh the initial investment (higher costs when compared with conventional ballast). In the past the failure rate of electronic ballast in Indian Industries was high. Recently, many manufacturers have improved the design of the ballast leading to drastic improvement in their

reliability.

The life of the electronic ballast is high especially when, used in a lighting circuit fitted with a automatic

voltage stabilizer.

2. Medium-Cost Recommendation

Energy Conservation Scheme through replacement with 5 star rated AC with inverter

All of the stand-alone air conditioners (Window Air Conditioners) are non-star rated, as they were installed

before the star labeling scheme of BEE.

Star Labeling of Air Conditioners

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e-mail: anant28in@gmail.com

The star labeling program for air-conditioners, frost free refrigerators, tubular florescent lights, and distribution transformers began in May 2006 in a voluntary phase. In the air conditioner segment, 70% of the organized players adopted it in the voluntary stage, which prompted BEE to make it mandatory from January 2010.

How the Star-Labeling works

Refer to the below table. For Air conditioners, the star levels are categorized over a band of COP numbers. COP is the Co-efficient Of Performance, which indicates the amount of cooling capacity in watts the Air conditioner delivers for every watt of electrical energy consumed by it.

At present, for Air conditioners, the COP has to be minimum 2.5 to qualify for 1-Star rating. COP of 3.3 and above is 5-Star categories. BEE has plans to move up the energy efficiency level continuously every two years. The standards moved up from Table 0 to Table 1 in January 2012. Please refer Table 1 & 2 – going forward, today's 5-Star level of 3.3 COP will be the 4-Star level from January 2014.

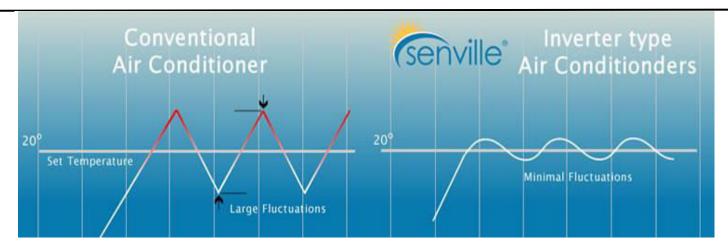
	Table 0			Table 1		Table 2		2	
Jan 201	0 - Dec	c 2011 Jan 2012 - Dec 2013 Jan 201		14 – Dec 2015					
Star	Min	Max		Star	Min	Max	Star	Min	Max
1	2.3/	2.49		1	2.5	2.69	1	2.7	2.89
2	2.5	2.69		2	2.7	2.89	2	2.9	3.09
3	2.7	2.89		3	2.9	3.09	3	3.1	3.29
4	2.9	3.09		4	3.1	3.29	4	3.3	3.49
5	3.1			5	3.3		5	3.5	

It is therefore recommended to replace the entire window and split air conditioners with 5 star rated air conditioners, preferably with inverter technology.

Inverter Air Conditioner

An inverter in an air conditioner is used to control the speed of the compressor motor to allow continuously regulated temperature. By contrast, traditional air conditioners regulate temperature by using a compressor that is periodically either working at maximum capacity or switched off entirely. Inverter-equipped air conditioners have a variable-frequency drive that incorporates an adjustable electrical inverter to control the speed of the motor and thus the compressor and cooling output.

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A comparison of temperature regulation between traditional air conditioner and inverter air conditioner

The variable-frequency drive uses a rectifier to convert the incoming alternating current (AC) to direct current (DC) and then uses pulse-width modulation in an electrical inverter to produce AC of a desired frequency. The variable frequency AC drives a brushless motor or an induction motor. As the speed of an induction motor is proportional to the frequency of the AC, the compressors run at different speeds. A microcontroller can then sample the current ambient air temperature and adjust the speed of the compressor appropriately. The additional electronics add to cost of equipment and operation. Conversion from AC to DC, and then back to AC, can cost as much 4 - 6% in energy losses for each conversion step.

Eliminating stop-start cycles increases efficiency, extends the life of components, and helps eliminate sharp fluctuations in the load the air conditioner places on the power supply. Ultimately this makes inverter air conditioners less prone to breakdowns, cheaper to run, and the outdoor compressor is generally quieter than a standard air conditioning unit's compressor.

3. High-Cost Recommendation

Energy Conservation Scheme for Lighting of T12 Tube Rod by LED Tube

The most energy efficient scheme available today, is the replacement of the convention tube rods with magnetic choke, with LED tube rods. Retro-fitting types of rods are now available in the market which eliminates the need of replacing the light fixture.

LED Tube Light is an environment-friendly semiconductor lighting which possesses a number of advantages over the conventional ones. With general-standard design of the structure, LED tube can directly replace the

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conventional fluorescent tube light without any external driver or electric power, and can be widely used in common interior lighting places.

Led tube, the latest products, it will eventually replace the high-pressure mercury lamp fluorescent lighting, high power LED fluorescent light source module posed by the white LED chips. The advantages, of long life, no flicker, no radiation, energy saving, environmental protection, are the advantages of the set of all fluorescent. LED tube save energy to 70%, have more life of more than 50,000 hours, i.e., more than 10 times the ordinary lamp and almost maintenance-free.

The advantages of LED fluorescent summarized as follows:

1. Green lighting the traditional fluorescent tubes containing mercury vapor, if the lamp is broken the mercury vapor will evaporate into the atmosphere, a great harm to human body. LED tube do not use mercury, and LED products not containing lead, has protective effects on the environment. LED tube lighting green lighting is recognized worldwide.

2. Photoelectric conversion rate, the traditional fluorescent lamp will produce large amounts of heat, LED tube is electricity all converted to light, will not cause waste of energy. Walls, clothes will not fade phenomenon.

3. Quiet and comfortable, no noise common fluorescent due to the use of starter. LED tube does not produce noise, most suitable for the use of sophisticated electronic equipment and the need for quiet occasions.

4. LED tube light is soft, no flicker. Traditional fluorescent lamps using alternating current per second will produce 100-120 times the strobe, the human eye look and feel very tired, LED lamps, AC direct conversion to DC, will not produce flicker, eye protection.

5. Adjustable voltage and a wide range with the voltage drop. The LED lamps can be lit when the voltage is low, which only causes the decrease in brightness, but can still start.

6. Longevity, energy-saving and low cost.

7. Sturdy solid, very safe.

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CONCLUSION:

- The energy audit of Govt. Lahiri P.G. College, Chirimiri Dis- Manendragarh-Chirimiri-Bhartpur (C.G.) has been completed.
- ➤ We have measured, calculated and analyzed the energy consumption areas, pattern and the efficiency of the equipment's.
- ➤ We have given suggestions and recommendations for the areas identified with energy savings potential.
- We have provided the recommendation.

A few additional tips/ practices to be adopted for energy saving are -:

LIGHTING

- Turn off the lights when not in use
- Take advantage of daylight by using light-colored, loose-weave curtains on your windows to allow daylight to penetrate the room. Also, decorate with lighter colors that reflect daylight
- De-dust lighting fixtures to maintain illumination
- Use task lighting; instead of brightly lighting an entire room, focus the light where you need it.

COMPUTERS

- Turn off your office equipment when not in use. A computer that runs 24 hours a day, for instance, uses more power than an energy-efficient refrigerator.
- If your computer must be left on, turn off the monitor; this device alone uses more than half the system's energy.
- Setting computers, monitors, and copiers to use sleep-mode when not in use helps cut energy costs by approximately 40%.
- Battery chargers, such as those for laptops, cell phones and digital cameras, draw power whenever they are plugged in and are very inefficient. Pull the plug and save.

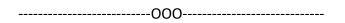
Address : A-403, Palm Resorts, Saddu, Raipur – 492001, C.G.

ENERGY CONSULTANTS

• Screen savers save computer screens, not energy. Start-ups and shutdowns do not use any extra energy, nor are they hard on your computer components. In fact, shutting computers down when you are finished using them actually reduces system wear – and saves energy

AIR CONDITIONERS

- Prefer air conditioners having automatic temperature cut off
- Keep regulators at "low cool" position
- Operate the ceiling fan in conjunction with your window air conditioner to spread the cooled air more Effectively throughout the room and operate the air conditioner at higher temperature
- Seal the doors and windows properly
- Leave enough space between your air conditioner and the walls to allow better air circulation
- Use windows with sun films/curtains
- Set your thermostat as high as comfortably possible in the summer. The less difference between the Indoor and outdoor temperatures, the lower will be energy consumption.
- Don't set your thermostat at a colder setting than normal when you turn on your air conditioner. It will not cool any faster and could result in excessive cooling.
- Don't place lamps or TV sets near your air-conditioning thermostat. The thermostat senses heat from These appliances, which can cause the air conditioner to run longer than necessary.
- Plant trees or shrubs to shade air-conditioning units but not to block the airflow. A unit operating in the shade uses as much as 10% less electricity than the same one operating in the sun.



Address : A-403, Palm Resorts, Saddu, Raipur – 492001, C.G.



कार्यालय प्राचार्य, शासकीय लाहिड़ी स्नातकोत्तर महाविद्यालय चिरमिरी जिला—कोरिया (छ.ग.)

नैक द्वारा "C" ग्रेड प्रदत्त

Affiliated to Sarguja University, Ambikapur AISHE ID: C-9736

Email-govtlahiricollege@gmail.com Webs

9736 Phone No. 07771-265026 Website- www.govtlahiripgcollege.com

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Green Cum Environmental Audit

Introduction

The green audit aims to analyse environmental practices within and outside the college campuses, which will have an impact on the eco-friendly atmosphere. It is defined as systematic identification, quantification, recording, reporting and analysis of components of college environments. One of the great environmentalists Wangari Maathai has quoted that the environment and economy are really both two sides of the same coin. If we cannot sustain the environment, we cannot sustain ourselves. Green audit regulates all such practices and gives an efficient way of natural resources utilization.

Goals of green Audit

- 1 Identification and documentation of green practices followed by college.
- 2 Analyze and suggest solution for problems identified.
- 3 Assess facility of different types of waste management.
- 4 Increase environmental awareness throughout campus.
- 5 Identify and assess environmental risk.
- 6 Motivates staff for optimized sustainable use of available resources.

Routine Green Practices

Every year college celebrates world environmental day, world water day and ozone day in the college campus. These programmes aim to create awareness among the students and college members. It gives knowledge about conservation and sustainable use of environmental resources. Several programmes are conducted through seminars, poster presentation, debates etc.

List of the plant of the college campus are below.....

s.n.	Common Name	Botanical Name	Family
01	Mango	Mangifera indica	Anacardiaceae
02	Narra tree	Pterocarpusindicus	Fabacea
03	Ganga imli	Pithecellobiumdulce	Fabacea
04	Thuja plant	Thujaoccidentalis	Cupressaceae
05	Balsam	Impatiens	Balsaminaceae
06	Chinese brake fern	Pterisvittata	Pteridaceae
07	Tulsi	Ocimumtenuiflorum	Lamiaceae
08	Rose	Rosa	Rosaceae
09	Ashok <mark>a pla</mark> nt	Saracaasoca	Fabaceae
10	Aloe vera	Aloe barbadensis miller	Asphodelaceae
11	Mehendi	Lawsoniainermis	Lythraceae
12	Guava tree	Psidiumguajava	Myrtaceae
13	Kaner plant	Cascabelathevetia	Apocynaceae
14	Oleander	Nerium oleander	Apocynaceae
15	Ber	Ziziphusmauritiana	Rhamnaceae
16	Sentry plant	Aganeamericana	Asparagaceae
17	Touch me not	Mimosa pudica	Fabaceae
18	Neem	Azadirachtaindica	Meliaceae
19	Gulmohar	Delonixregia	Fabaceae
20	Sal tree	Shorearobusta	Dipterocarpaceae
21	Champagne palm	Hiophorbeindica	Arecaceae
22	Sago palm	Cycasrevoluta	Cycadaceae
23	Desert rose	Adeniumobesum	Apocynaceae
24	Money plant	Epipremnumaureum	Araceae
25	Jungle geranium	Ixoracoccinea	Rubiaceae
26	Gudhal (China rose)	Hibiscus rosa-sinensis	Malvaceae
27	Tecoma	Tecomastans	Bignoniaceae
28	Copper leaf	Acalyphaindica	Euphorbiaceae
29	Brazil white angle	Brugmansiasuaveolens	Salanace

30	Bush clockvine	Thunbergiaerecta	Acanthaceae
31	Red flag bush	Mussaendaerythrophylla	Rubiaceae
32	Singapore graveyard	Plumeriaobtusa	Apocynaceae
33	Marigold	Tagetes	Asteraceae
34	Crown of thorns	Euphorbia milidas	Euphorbiacea
35	Taro	Colocasiaesculenta	Araceae
36	Papaya	Carica papaya	Caricaceae
37	Evergreen plant	Catharanthusroseus	Apocynaceae
38	Chandani	Tabernaemontanadivaricata	Apocynaceae
39	Creeping juniper	Juniperushorizontalis	Cupressaceae
40	Moses-in-the cradle	Tradescantiaspathacea	Commelinaceae
41	Sevanti	Chrysanthemum	Asteracea
42	Reed canary grass	Phalarisarundinacea Phalarisarundinacea	Poaceae
43	Chilli	Capsicum frutescens	Solanaceae
44	Agia	Euphobiatithymaloides	Euphorbiaceae
45	Garden croton	Codiaeumvariegatum	Euphorbiaceae
46	Garb <mark>era</mark>	Garberajamesonii	Asteraceae
47	Purple allamanda	Allamandablanchetii	Apocynaceae
48	Golden shower	Cassia fistula	Fabaceae
49	Song of india	Dracaena reflexa	Asparagaceae
50	Ming aralia	Polysciasfruticosa	Araliaceae
51	Chinese taro	Alocasiacucullata	Araceae
52	Bargad tree (Banyan)	Ficusbenghalensis	Morceae
53	Poinsettia	Euphorbia pucherima	Euphorbiaceae
54	Newzealand flax	Phormiumtenax	Xanthorrhecae
55	Bitter melon	Momordicacharantia	Cucurbitaceae
56	River tamarind	Leucaevaleucocephala	Fabaceae
57	Bel tree	Aegle marmelos	Rutaceae
58	Peepal tree	Ficus religiosa	Moraceae
59	Jujube (Ber)	Ziziphusmauritiana	Rhamnaceae
60	Madar	Calotropisgigantea	Apocynaceae
61	Seasum tree	Dalbergiasissoo	Fabaceae
62	Yellow crown flower	Senna alata	Fabaceae

63	Peacock flower	Caesalpinioideae	Fabaceae
64	Hairy fig	Ficushispida	Moraceae

Total no. of plants = 64 Total no. of family= 32

Total no. of Angiosperms= 59

Total no. of Gymnosperms= 03

Total no. of Medicinal plant= 24

Total no. of Pteriodphyta= 02

s.n	Angiosperms	Gymnosperms	Medicinal plant	Pteriodphyta
01	Mango	Thuja plant	Tulsi	Narra tree
02	Ganga imli	Sago palm	Rose	Chinese brake fern
03	Balsam	Creeping juniper	Aloe vera	The last
04	Tulsi	Au	Mehendi	13
05	Rose	- 3	Guava tree	S
06	Ashoka plant		Kaner plant	3
07	Aloe vera		Oleander	N
08	Mehendi		Ber	
09	Guava tree		Neem	7.4
10	Kaner plant		Sal tree	/ 4
11	Oleander	13000	Money plant	/4
12	Ber	परासर	Gudhal	
13	Sentry plant		Marigold	1000
14	touch me not		Papaya	
15	Neem	41	Evergreen plant	
16	Gulmohar	PILE	Garbera	
17	Sal tree		Bargad tree (Banyan)	
18	Champagne palm		Bitter melon	
19	Desert rose		Bel tree	व्याकाला
20	Money plant		Peepal tree	and and
21	Jungle geranium		Jujube (Ber)	क स्थावना वर्ष - 1953
22	Gudhal(China rose)		Madar	THE PROPERTY OF

23	Tecoma	Seasum tree
24	Copper leaf	Tulsi
25	Brazil white angle	
26	Bush clockvine	
27	Red flag bush	
28	Singapore graveyard	
29	Marigold	
30	Crown of throns	ASS ASSESSMENT
31	Taro	Wile And Williams
32	Papaya	CONT.
33	Evergreen plant	
34	Chandani	
35	Moses-in-the cradle	
36	Sevanti	
37	Reed canary grass	3 P
38	Chilli	
39	Agia	
40	Garden croton	
41	Garbera	
42	Purple allamanda	
43	Golden shower	Car a com
44	Song of india	परामर छिः
45	Ming aralia	
46	Chinese taro	
47	Bargad tree (Banyan)	N AG 3 10
48	Poinsdettia	
49	Newzealand flax	
50	Bitter melon	
51	Bel tree	The second state of the second state of the second state of the second s
52	Peepal tree	A AND 1 04 - 1953
53	Jujube (Ber)	क्षित्रवना वस – 1953
54	Madar	10 to

55	Canana tuan
55	Seasum tree
56	Yellow crown flower
57	Peacock flower
58	Hairy fig
59	River tamarind
Total Total Total Total	no. of plants = 64 no. of family= 32 no. of Angiosperms= 59 no. of Gymnosperms= 03 no. of Medicinal plant= 2 no. of Pteriodphyta= 02

Environment Audit

Introduction

The environment audit aims to environment practices within and outside the college campuses. which will have an impact on the eco-friendly atmosphere.

Environment audit can be defined as systematic identification, quantification, recording, reporting and analysis of components of college environment.

Goals of environment audit

- 1 Identification and documentation of environment practices followed by college.
- 2 Analyse and suggest solution for problems identified.
- 3 Identify and assess environment risk.
- 4 To make our college campuses eco-friendly and sustainable.

How to make eco-friendly environment

- By installing Green plants in our college campus.
- Plastic tree zone.
- Avoid plastic cover in documents/ projects.
- Improving environmental standards.
- Developing an environment ethic and value system in young people.

धरिमरी

Making vehicle tree zone.



पर्यावरण जागरूकता राष्ट्रीय सेवा संबंधित कार्यक्रम

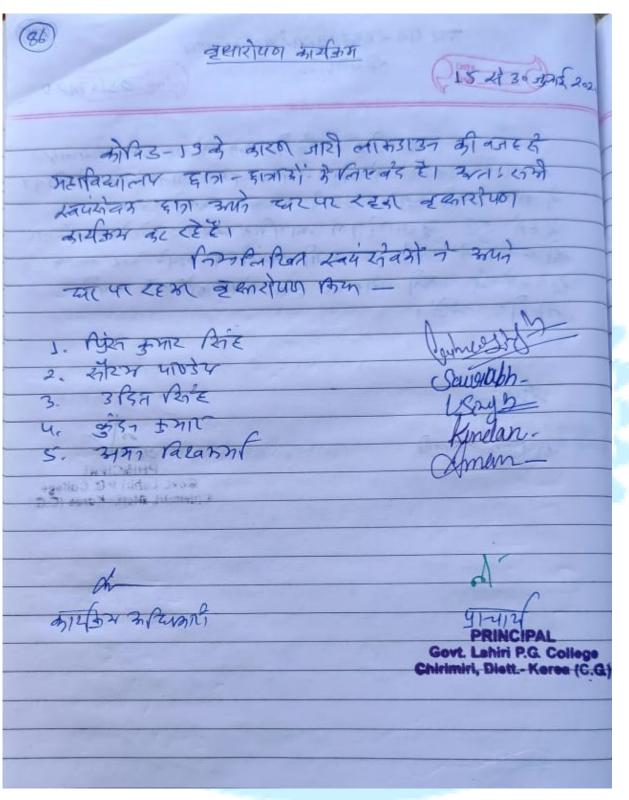
सत्र-2020-21

मनुष्य को जीने के लिए शुद्ध जल, स्वस्थ्यवर्धक आहार और शुद्ध वायु की जरूरत है। अगर हम यह सब कुछ पाना चाहते हैं तो हमें पर्यावरण को स्वच्छ, सहज कर रखना होगा। सीमित मात्रा में अपने दैनिक गतिविधियों को संपन्न करना होगा। जिससे पर्यावरण का संतुलन बना रहे। पर्यावरण जागयकता में युवयओं की भूमिका महत्वपूर्ण होनी है। सत्र—2020—21 में महाविद्यालय की राष्ट्रीय सेवा योजना इकाई के स्वयं सेवकों द्वारा पर्यावरण संरक्षण और जागरूकता की दिशा में विविध प्रयास किए गए जिनका विवरण इस प्रकार है—

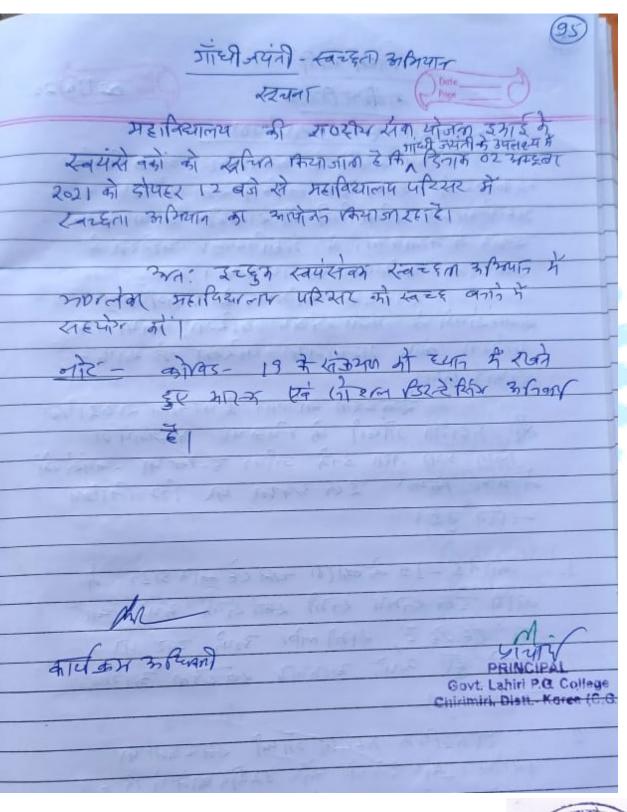
- 1. कोविड —19 के वैश्विक महामारी के दौर में जब देश व्यापी लाकडाउन चल रहा था और महाविद्यालय भौतिक विद्यार्थियों के लिए बंद था और विद्यार्थी अपने घर पर रह रहे थे ऐसे कठिन समय में स्वयं सेवक अपने घर पर रहते हुए पर्यावरण संरक्षण के प्रति जागरूक रहे। अगस्त माह में स्वयं सेवकों ने अपने घर और पड़ोस में वृक्षारोपण किया तथा पर्यावरण को बचाने का संकल्प लिया।
- 2. गाँधी जयंती के अवसर पर 02 अक्टूबर 2020 को सामाजिक दूरी का पालन करते हुए महाविद्यालय परिसर में उगे गाजर घांस की साफ—सफाई का कार्य किया। स्वच्छता अभियान के साथ ही स्वयं सेवको ने पर्यावरण संरक्षण का भी संदेश दिया। इस अवसर पर स्वयं सेवकों ने परिसर को हरा—भरा रखने का संकल्प लेते हुए कार्यालय परिसर में वृक्षारोपण का कार्य किया।
- 3. पर्यावरण को स्वच्छ रखने के लिए समय— समय पर नियमित कक्षाओं में छात्र—छात्राओं को बताया जाता है, साथ ही उन्हें पर्यावरण संरक्षण हेतु दूसरों को जागरूक करने हेतु भी प्रेरित किया जाता है।

च्यर पर रहकर बुधारीय हा अभियान X221-11 Page 05/67/20 शापिकीय लाहिड़ी स्नातमेला महाविद्यालय के दानी स्वयंदीवनों के। स्वित्त किया जाता है के के विड-19 के बाला जारी लाका डाउन के महत्व कार्यों व्यय पर रहते दुए वृक्षारीयण कार्यक्रम करें। कोरोना संक्रमण दो दयान में रखते दुए समी स्वयंसेवम अपने चार अपन मुहत्ते के जानी नगहपर त्रकारोपण करें और अपनी तस्वीर भेजें। PRINCIPAL Govt. Lahiri P.G. College Chirimiri, Bistt. Koree (C.G.) Coyt Lehin RG. Consqs

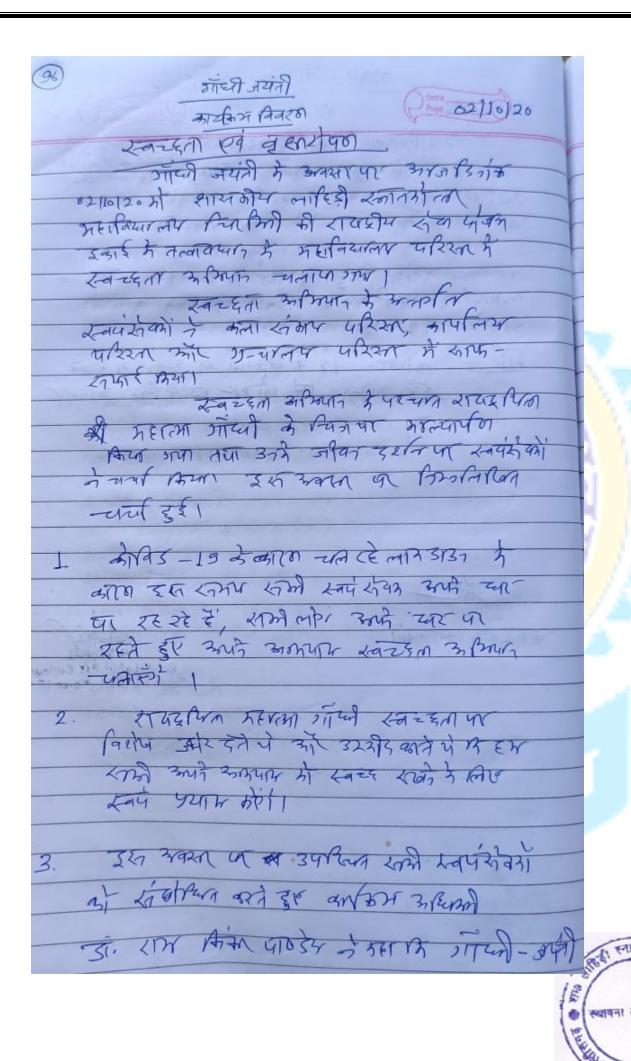


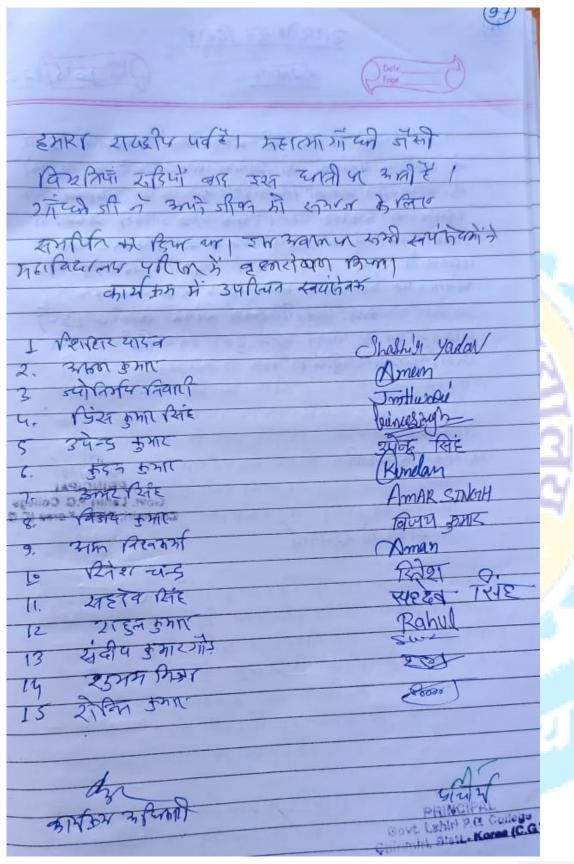














Tree plantation by NSS students





भास्कर न्यूज चिरमिरी

शासकीय लाहिड़ी स्नात महाविद्यालय चिर्गमरी राष्ट्रीय सेवा योजना इकाई के स्वयंसेवकों ने गांधी जयंती पर महाविद्यालय परिसर में स्वच्छता अभियान चलाया। स्वयंसेवकों अभियान चलाया। स्वयंसेवकों ने महाविद्यालय कार्यालय परिसर एवं खेल मैदान की सफाई की। प्राचार्य डॉ. आरती तिवारी और राष्ट्रीय सेवा योजना के कार्यक्रम अधिकारी डॉ. राम किंकर पाण्डेय ने स्वयंसेवकों को संबोधित किया। डॉ. तिवारी

स्वच्छता अभियान से उन्हें याद करना राष्ट्रीय सेवा योजना की अनुडी पहल है। डॉ. राम किंकर पाण्डेय में कहा कि आज पूरा राष्ट्र बाबू को श्रद्धा के साथ याद कर रहा है। राष्ट्रीय सेवा योजना की स्थापना गांधी जी की 100 वीं जयंती पर की गई थी। 100 वो जयता पर को गई थी। इसलिए आज हमारे स्वयंसेवक उन्हें विभिन्न रुप में याद कर रहे हैं। अभियान में स्वयंसेवक दिलीप कुमार, प्रिंस कुमार सिंह, कुंदन कुमार, ज्योतिर्मय तिवारी सिक्रय रहे।

Neat and clean office pedestrian and garden photos







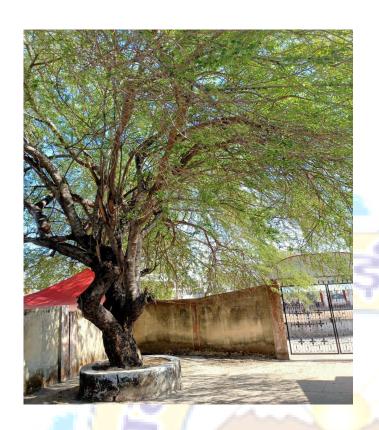






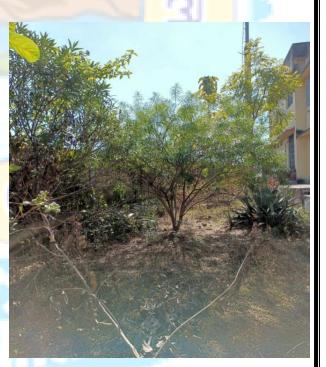






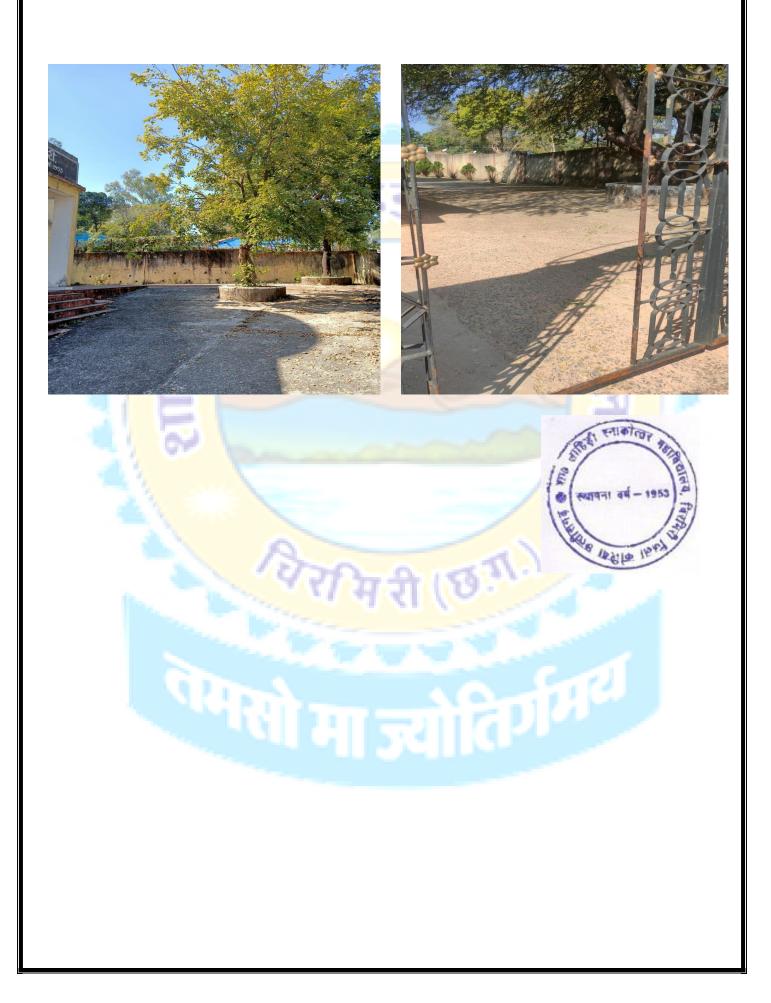








Vehicle free zone of science block





OFFICE, PRINCIPAL, GOVT. LAHIRI PG COLLEGE

CHIRIMIRI, DIST. KORIYA C.G.

NAAC Accredited

Oksalu-

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Affiliated to Sarguja University, Ambikapur Email-govtlahiripgcollege@gmail.com

Website- www.govtlahiripgcollege.org College Code 3707 Phone No. 07771-265026

Sl.No./259 /Estd/2022

Chirmiri, Date: 25/09/2022

CERTIFICATE

Green cum Environmental Audit Certificate Academic Year 2021-22

This is certifying that Govt. Lahiri P.G. College has conducted detailed green cum environmental audit of their campus and has submitted necessary data and credentials for scrutiny. The activities and measures carried out by the college have been verified based on the report submitted and was found to be satisfactory. The efforts taken by the faculty and students towards environment and sustainability are highly appreciated and commendable.

Members:

1 Mr. Virendra Kumar Asst. Prof. (Botany)

NSS Incharge

Govt. Lahiri P.G. College, Chirimiri (C.G.)

2 Dr. Dhansay Dewangan Asst. Prof. (Chemistry) Govt. Lahiri P.G. College, Chirimiri (C.G.)

3 Shiva Kant Mishra Azad Asst. Prof. (Botany) Govt. Naveen College, Kelhari (C.G.)

IQAC Coordinator

Govt. Lahiri P.G. College Chirimiri, Distt.-Korea (C.G.)



कार्यालय प्राचार्य, शासकीय लाहिड़ी स्नातकोत्तर महाविद्यालय चिरमिरी, जिला—कोरिया (छ.ग.)

नैक द्वारा "C" ग्रेड प्रदत्त

Affiliated to Sant Gahira Guru University, Ambikapur Phone No. 07771-265026 Email-govtlahiricollege@gmail.com AISHE: C-9736 Website- www.govtlahiripgcollege.com

Clean and Green Campus Initiatives

Sl. No.	Name of activity	Date
	100	18.02.2022
1	पर्यावरण जागरूकता विषय पर व्याख्यान एवं वृक्षारो <mark>पण कार्यक्रम</mark>	to
		19.02.2022



Date 19 02 2022

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Date

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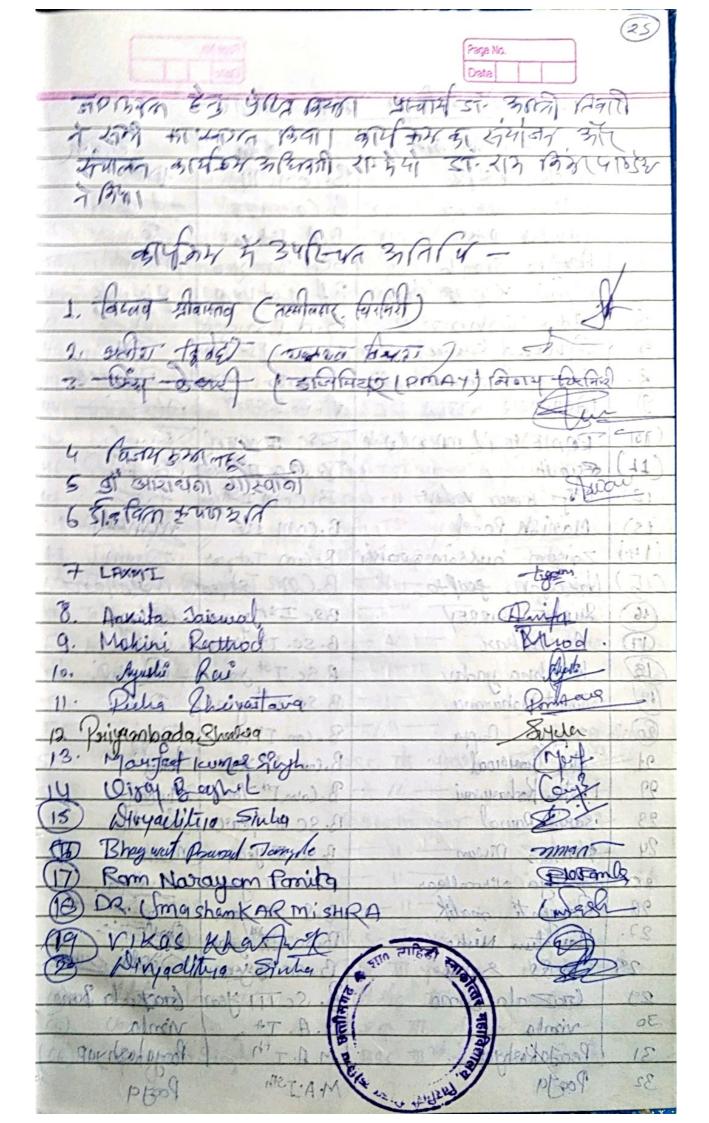
Date 19 02 2022

भाज दिनां 1910212022 की दोषहर 12 को से शास्त्रीय लाहिड़ी स्नातकोत्तर महाविद्यालय विदिश्यो जिला -ने भीषा (इ.ग.) की राष्ट्रीय सेना योजन इमाई के त्यावावद्यान में देमार कर में पद्यविक जागकमा कार्यक्रम कर्त्या जिला भिषा गामा

उद्या जाणाहित क्रिक्म में भी विद्नवं भीवापत् तह जीलदाए विश्विता में दान न्दाना में एवं स्वपंत्रे में में पर्मावरका संस्क्ता हेतु जागहरू किया। उन्होंने दान न्दाना की व्यो खेना दक्ता हेतु जागहरू किया विद्या होते प्रत्ये क व्योक्त को जागान करना करन कान होते के हमारे किए मधानन करा कि प्रयुक्तिण का कान्यका होने के हमारे किए मधानन खेंकर पेंडा हो जाएंगा। इसिक्ट कंडा प्रयुक्तिण के लिए युका को की कानी काना होगा।

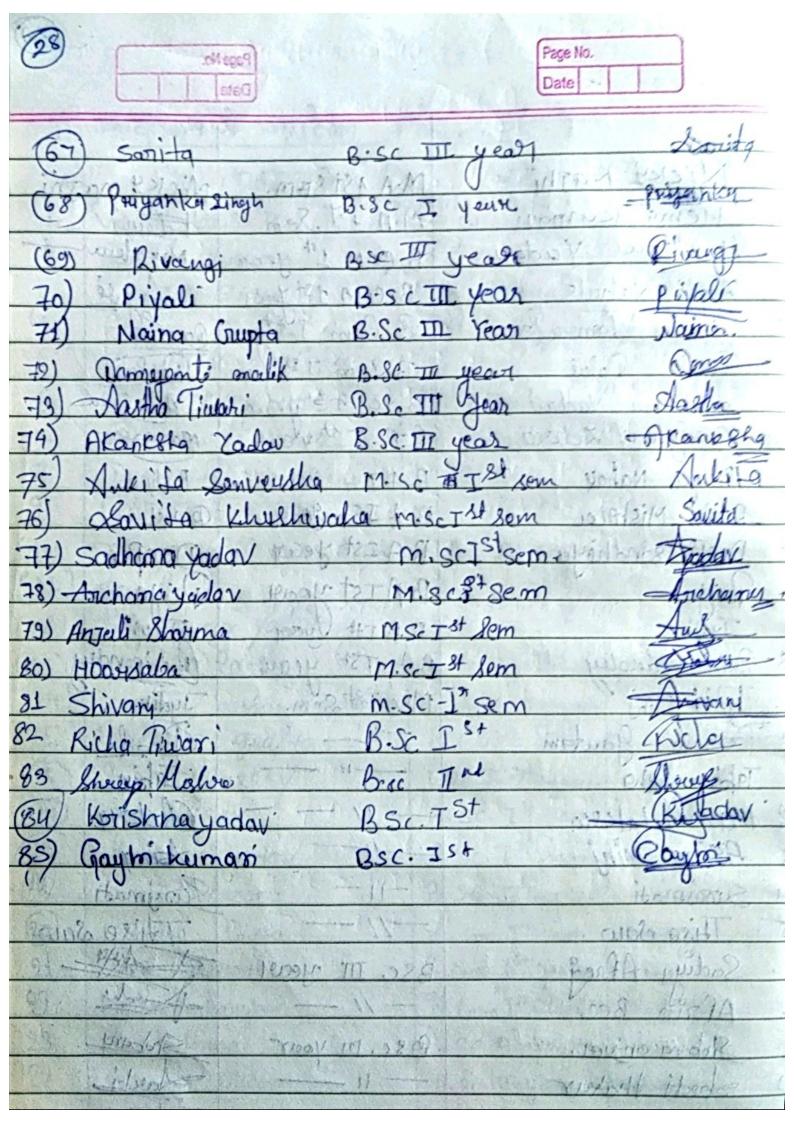
'मिर इंडिया एंड खेन उन्नायातेंट' कियान ने तहत प्रे देश में साइबिल न्यताका जन जागानेवल अिक्रात न्यलाने नाले ५५(न्यण्येत्री, श्री सतीश कुकार हिनेरी ने दात्र-हात्राकों ने उत्पर्ध मारुक्त में क्वर मिया भिसतीश उना दिवेरी मने-इमह से मा हमाइ (नेपाल तमनी याता साइतिल से मा युरे है। अपनी इप सारमिल मात्रा के अनुमन उन्हांने इहा -इनिडिंग कीय दार्झा करते हुए हहा में मेरी यह याजा प्यनिएं। जागानिक के लिए है। उन्होंने वहां की समारे बड़े महानातें कावायु प्रवश खारान स्तर ते पहुच गया है। काज सक्ष का जन स्तर वद रहाहै। देड़ी के नगातार करने दी शुह वायु का खतर पड़ाहोगी है। उन्होंने हार्ग-हाताओं हे अधील है। व बहारिया अगिया री उन्देश पत्येत निकाकी की अपने आप वा म ने लगा मा न् कारोपन हेतु अवरप्रजेशि कालगारिष्टी स्तप्रही पालीयान का उपमित्र विद्वान-पाहिए निम्पे प्यावाण है। भाषा पड्चणा इस अभिपति मे

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लाहिड़ी कॉलेज में युवा दिवस मनाया, स्वच्छता व पौधरोपण कार्यक्रम हुआ

पत्रिका न्यूज़ नेटवर्क

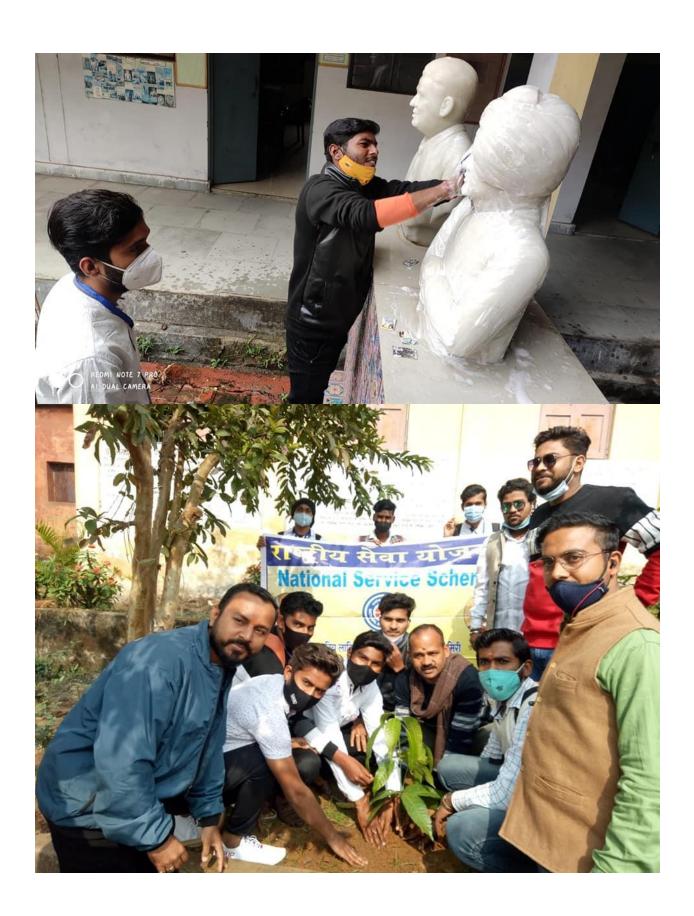
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शासकीय चिरमिरी. लाहिडी महाविद्यालय चिरमिरी राष्ट्रीय सेवा योजना इकाई के तत्वावधान में राष्ट्रीय सेवा योजना के प्रेरणास्रोत स्वामी विवेकानंद की जयंती पर स्वच्छता अभियान चलाया गया। इस दौरान महाविद्यालय परिसर की साफसफाई की गई। प्राचार्य डॉ आरती तिवारी के संरक्षण और राष्ट्रीय सेवा योजना के कार्यक्रम अधिकारी डॉ राम किंकर पाण्डेय के नेतत्व में स्वयंसेवकों ने विज्ञान व वाणिज्य संकाय भवन में स्थापित स्वामी विवेकानंद, दाद लाहिडी की प्रतिमा के आसपास सफाई अभियान चलाया गया।



प्राचार्य डॉ तिवारी ने कहा कि स्वामी विवेकानंद के विचार आज भी प्रासंगिक हैं। उनके विचार युवाओं के लिए मार्गदर्शक संहिता की तरह हैं। कार्यक्रम अधिकारी डॉ पाण्डेय ने कहा कि स्वामी विवेकानंद ने अपने विचारों के माध्यम से भारतीय संस्कृति का परचम विश्व में लहराया था। शिकागो विश्वधर्म संसद में उनके द्वारा दिया गया उद्बोधन बहुत महत्वपूर्ण है। युवाओं के चरित्र

निर्माण और आत्मविश्वास भरने की आवश्यकता पर बल दिया था। युवाओं के शारीरीक, मानसिक, बौद्धिक और आध्यात्मिक अनुसंधान से ही नवीन भारत का निर्माण संभव है। स्वयसेवकों ने महाविद्यालय परिसर में पौधरोपण कर पर्यावरण संरक्षण का संकल्प लिया। इस दौरान संदीप गौड़, प्रिंस कुमार सिंह, पूर्णेन्द् चटर्जी, अमन कुमार, कुंदन कुमार, आशीष, अशोक, रोनित, मोहित, सौरभ पाण्डेय, शिवसागर, ज्योतिर्मय तिवारी, शालिग्राम द्विवेदी, शिवा साह, डॉ रजनी सेठिया, सुभाष चतुर्वेदी, डॉ आराधना गोस्वामी, विजय लहरे, जय सिंह सारस्वत, डॉ उमाशंकर मिश्रा, रामनारायण पनिका आदि मौजद थे।





कार्यालय प्राचार्य, शासकीय लाहिड़ी स्नातकोत्तर महाविद्यालय चिरमिरी, जिला—कोरिया (छ.ग.)

नैक द्वारा "C" ग्रेड प्रदत्त

Affiliated to Sant Gahira Guru University, Ambikapur Phone No. 07771-265026 Email-govtlahiricollege@gmail.com AISHE: C-9736 Website- www.govtlahiripgcollege.com

Beyond the Campus Environmental Promotion Activities

Sl. No.	Name of activity	Date
		25.03.2022
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शासकीय काहित इतातकोत्तर महाविद्यालय निर्मानिश की शासकीय होता पाता है। कि जाम पंचायत मुक्युकी में स्वान दिवसीय विशेष अवकाशीय शिवर का आयोजन की पर्यावरवा, जागर कता, स्वरूद्धता जागर कमी ग्रामवामिनों को पर्यावरवा, जागर कता, स्वरूद्धता जागर कराता है। विस्वका उद्देश्य समी ग्रामवामिनों को पर्यावरवा, जागर कता, स्वरूद्धता जागर कराता है। से से स्वान कराता है।

अतः व्यमि र्वा सेवफ 26/03/22 को

आदेशावस्त्र । इ

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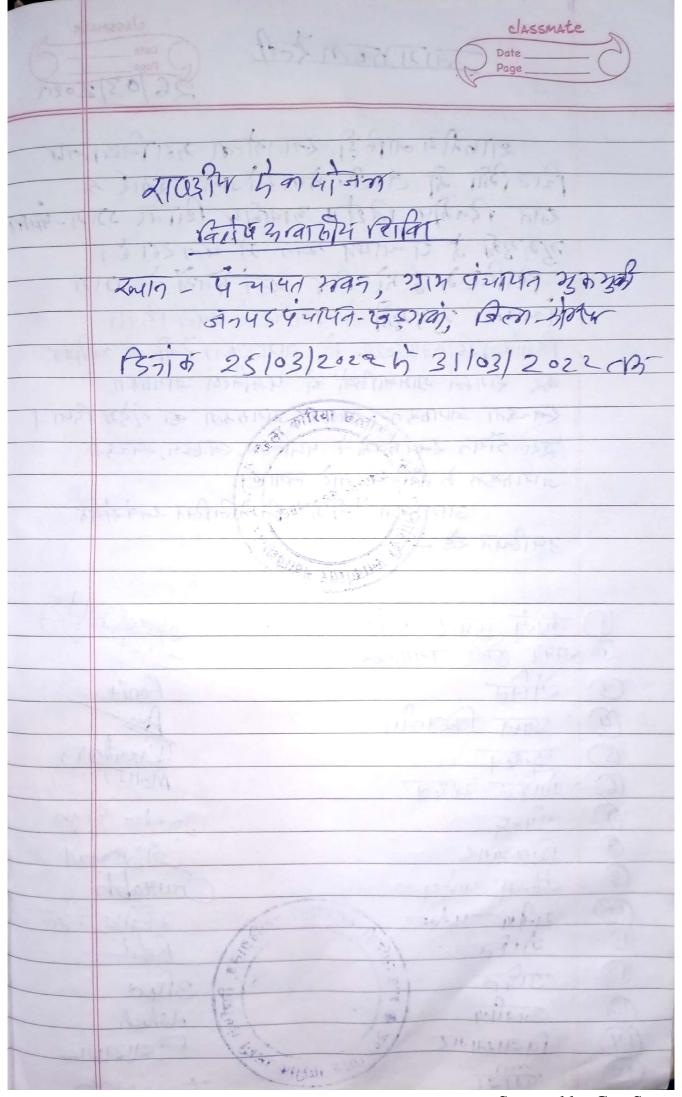
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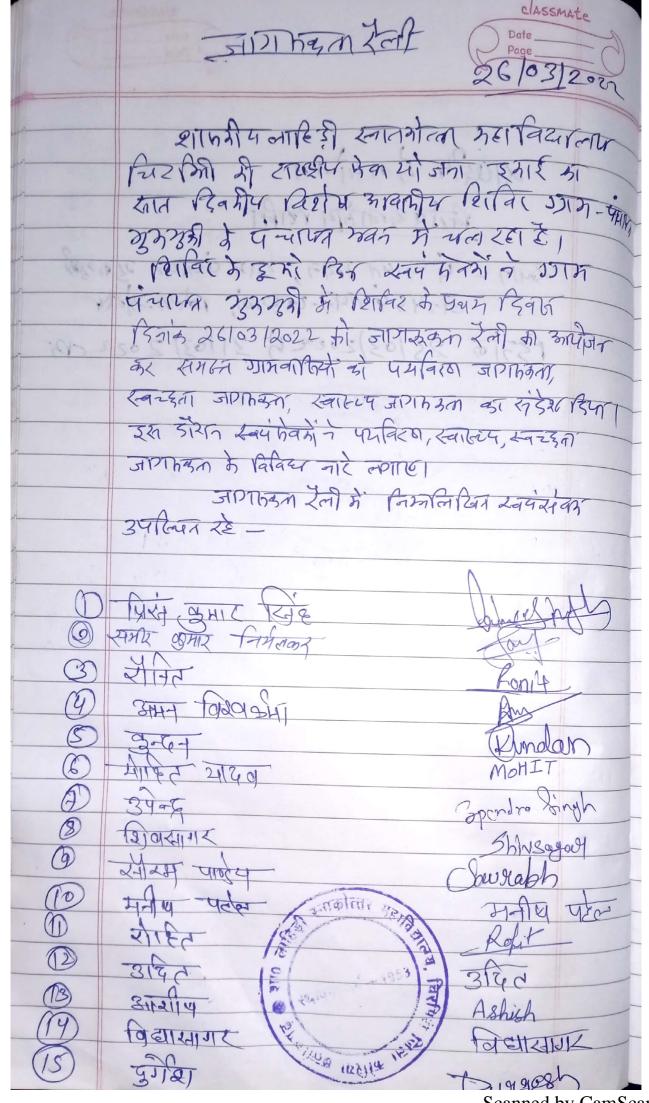
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लाहिड़ी महाविद्यालय के राष्ट्रीय सेवा योजन इकाई के सात दिवसीय आवसीय शिविर का शुभारंभ

चिरमिरी। शासकीय लाहिड़ी स्नातकोत्तर महाविद्यालय चिरमिरी की राष्ट्रीय सेवा योजना इकाई के सात दिवसीय आवासीय शिविर का शुभारंभ गोद ग्राम भुकभुकी के पंचायत भवन में पोफेसर एम सी हिमधर जिला संगठक राष्ट्रीय सेवा योजना की अध्यक्षता, चिरमिरी तहसीलदार श्री विप्लव श्रीवास्तव के मख्य आतिथ्य, भुकभुको सरपंच सरेंद्र कमार सिंह के विशिष्ट आतिष्य और कार्यक्रम अधिकारी डॉ. राम किंकर पाण्डेय की उपस्थित में संपन्न हुआ। सात दिवसीय आवासीय शिविर के उदघाटन अवसर पर सर्वप्रथम अतिथियों ने राष्ट्रीय सेवा योजना के प्रेरणास्रोत युगपुरुष स्वामी विवेकानंद के चित्र पर दीप प्रज्वलित कर पृष्पांजलि अपित की तत्पश्चात शिविर संयोजक कार्यक्रम अधिकारी डॉ. राम किंकर पाण्डेय ने सभी अतिथियों के प्रति स्वागत भाषण प्रस्तत किया और शिविर योजना प्रस्तुत को। मुख्य अतिथि चिरमिरो तहसीलदार विप्लव श्रीवास्तव ने कहा कि यह आवासीय शिविर सभी स्वयंसेवकों के लिए जीवन में अनुशासन, सेवा और श्रमदान के महत्व को सीखकर उसे जीवन में



आत्मसात करने का सुनहरा अवसर है। भारत को आत्मा गाँवों में बसती है और शिविर के माध्यम से गाँव को जानने और जुड़ने का अवसर है जिससे शिविराधी प्रत्येक स्वयंसेवक लाभान्वित होंगे।

अध्यक्षीय वक्तव्य देते हुए जिला संगठक राष्ट्रीय सेवा योजना प्रोफेसर एम.सी. हिमधर ने कहा कि राष्ट्रीय सेवा योजना का वह आवासीय शिविर प्रत्येक स्वयंसेवक के जीवन का महत्वपूर्ण पड़ाव होता है। रासेयो युवाओं का सबसे विशाल संगठन हैं जिससे जुड़कर युवा समान सेवा के माध्यम से अपने व्यक्तित्व का विकास करते हैं। स्वच्छता, श्रमदान और विविध जागरुकता कार्यक्रम करके इन सात दिनों में स्वयंसेवक अपने गोदाग्राम में सकारात्मक परिवर्तन ला सकते हैं। वास्तव में यह आवासीय शिविर स्वयंसेवक की रचनात्मक और सुकनात्मक प्रतिभा को निखारने का एक माध्यम भी है। विशिष्ट अतिथि भुकभुको सरपंच श्री सुरेंद्र कुमार सिंह ने कहा कि यह हमारे गांव के लिए गौरव का विषय है कि लाहिड़ी महाविद्यालय की राष्ट्रीय सेवा योजना इकाई ने शिविर के लिए हमारे गांव का चयन किया है, विश्वित रूप से इसका लाभ हमारे गांव को मिलेगा। इससे पूर्व अतिथियों का स्वागत करते हुए लाहिड्री महाविद्यालय की राष्ट्रीय सेवा योजना इकाई के कार्यक्रम अधिकारी डॉ. राम किंकर पाण्डेय ने कहा कि आवासीय शिविर के माध्यम से स्वयंसेवक गणीय सेवा योजना की गतिविधियों को करीब से समझ सकते हैं साथ ही वे अपने जीवन में आत्मनिर्भरता का पाठ भी सीख सकते हैं। शिविर नायक मोहित यादव ने शिविर के दौरान आयोजित होनेवाले संपर्ण कार्यक्रमों और गतिविधियों की संक्षिप्त जानकारी प्रस्तुत की। शिविर के उद्घाटन कार्यक्रम का सफल संचालन और धन्यवाद जापन वरिष्ठ स्वयंसेवक प्रिंस कमार सिंह ने किया। इस दौरान महाविद्यालय स्टाफविजय हुमार लहरे, डॉ. उमाशंकर मिश्रा, विकास खटिक, विजय बधेल, भागवत प्रसाद जांगडे, गिरीश दास,मंजीत सिंह, फ्याजुल मुस्तफा, आदित्य श्रीवास्तव, खीखराम,उमेश कुमार, सर्वजीत पटेल, शंकर यादव, संतोष साह सहित स्वयंसेवक ज्योतमंय तिवारी, संदीप गौड़ बादल, शालिगराम द्विवेदी, शिवसागर, मोहित, रोनित कुंदन, अमन, उपेंद्र, सौरभ, मनीष, आशीष जिम्नेश आदेश आदि उपस्थित रहे।

राष्ट्रीय सेवा योजना के सात दिवसीय आवासीय शिविर में स्वयंसेवक चला रहे जागरुकता अभियान

चिरमिरी। शासकीय लाहिडी स्नातकोत्तर महाविद्यालय चिरमिरी की राष्ट्रीय सेवा योजन इकाई का सात दिवसीय विशेष आवासीय शिविर गोदग्राम भक्तभकी में आयोजित किया जा रहा है। आवासीय शिविर में स्वयंसेवक जागरुकता रैली के माध्यम से विभिन्न समसामयिक महों पर ग्रामीणों के मध्य जागरुकता अभियान चलाकर उन्हें जागरूक कर रहे हैं। इसी क्रम में पर्यावरण जागरुकता, स्वच्छता जागरूकता, के साथ साथ नशा से दूर रहने और बेटी बचाओ बेटी पढाओ का संदेश सभी स्वयंसेवक ग्रामवासियों को दे रहे हैं। इस संबंध में शासकीय लाहिडी स्नातकोत्तर महाविद्यालय चिरमिरी के राष्ट्रीय सेवा योजना इकाई के कार्यक्रम अधिकारी और शिविर संयोजक डॉ. राम किंकर पाण्डेय ने



बताया कि यह शिविर पूर्णत: आवासीय है जिसमें एक सप्ताह तक स्वयंसेवक गांव में रहकर विविध विषयों पर ग्रामीणों के मध्य जागरुकता अभियान चलाते हैं। जागरुकता अभियान में शिविर नायक मोहित यादव, वरिष्ठ स्वयंसेवक प्रिंस कुमार सिंह, कुंदन, उपेंद्र, रोनित, ज्योतिर्मय तिवारी, शालिगराम द्विवेदी, अमन, आशीष, सौरभ, शिवसागर, सनोज, मनीष, सचिन, शिवा, आदेश विक्रांत, विद्यासागर, अद्वितीय, दुर्गेश, कैफ, आदि अपनी सिंक य भूमिका निभा रहे हैं।

लाहिड़ी कॉलेज के एनएसएस यूनिट का सात दिवसीय शिविर लगाया गया

एनएसएस कैंप लगाया,

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लाहिडी चिरमिरी. शासकीय महाविद्यालय चिरमिरी की राष्ट्रीय सेवा योजना इकाई की सात दिवसीय आवासीय शिविर गोद ग्राम भूकभूकी पंचायत भवन शुरू हुआ है।

अतिथि मुख्य विरमिरी तहसीलदार विप्लव श्रीवास्तव ने कहा कि यह आवासीय शिविर सभी स्वयंसेवकों के लिए जीवन में अनुशासन, सेवा और श्रमदान के महत्व को सीखकर उसे जीवन में आत्मसात करने का सुनहरा अवसर है। भारत की आत्मा गांवों में बसती है और शिविर के माध्यम से गांव को जानने और



कार्यक्रम में मौजूद लोग

जिला संगठक राष्ट्रीय सेवा योजना प्रो एमसी हिमधर ने कहा कि राष्ट्रीय सेवा योजना का यह आवासीय शिविर प्रत्येक स्वयंसेवक के जीवन का महत्वपूर्णं पडाव होता है। रासेयो युवाओं का सबसे विशाल संगठन है। जिससे जुड़कर युवा समाज सेवा के माध्यम

जागरुकता कार्यक्रम कर सात दिन में स्वयंसेवक अपने गोदग्राम में सकारात्मक परिवर्तन ला सकते हैं। विशिष्ट अतिथि भ्कभ्की सरपंच सुरेंद्र सिंह ने कहा कि यह हमारे गांव के लिए गौरव का विषय है। लाहिडी महाविद्यालय की राष्ट्रीय सेवा योजना जुड़ने का अवसर है। जिससे शिविरार्थी से अपने व्यक्तित्व का विकास करते इकाई ने शिविर के लिए हमारे गांव का प्रत्येक स्वयंसेवक लाभान्वित होंगे। हैं। स्वच्छता, श्रमदान और विविध चयन किया है। निश्चित रूप से इसका

लाभ हमारे गांव को मिलेगा। कार्यक्रम अधिकारी डॉ राम किंकर पाण्डेय ने कहा कि आवासीय शिविर के माध्यम से स्वयंसेवक राष्ट्रीय सेवा योजना की गतिविधियों को करीब से समझ सकते हैं। साथ ही वे अपने जीवन में आत्मनिर्भरता का पाठ भी सीख सकते हैं। शिविर नायक मोहित यादव ने होने वाले कार्यक्रमों और गतिविधियों की संक्षिप्त जानकारी प्रस्तुत की। इस दौरान स्वयंसेवक प्रिंस कुमार सिंह, विजय कुमार लहरे, डॉ उमाशंकर मिश्रा, विकास खटिक, विजय बघेल, भागवत प्रसाद जांगडे, गिरीश दास, मंजीत सिंह, फयाजुल मुस्तफा, आदित्य श्रीवास्तव, खीखराम, उमेश कुमार, सर्वजीत पटेल, शंकर यादव, संतोष साहू सहित अन्य मौजूद थे।